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ILLUSTRATED

1911 Catalogue

**R. B. Dunning  
& Co.  
SEEDS**

**Dairy Supplies, Wooden  
Ware, Agricultural  
Implements**

Nos. 54, 58 and 62  
Broad Street

**Bangor, Maine**



Established  
1835

R. B. Dunning & Co.

Incorporated  
1897

BANGOR, MAINE

# Annual Catalogue

## 1911

We take pleasure in presenting to our patrons and friends our catalogue for 1911.

We offer our seeds with the full assurance that they are true and reliable, quality being always our first consideration, but at the same time we wish it particularly understood that we do not warrant them, for the ultimate success of a crop is dependent on so many contingencies that we cannot hold ourselves liable or responsible for failure. If the purchaser does not accept the seeds on these conditions, they must be returned at once.

*In ordering goods please give your Name, Post Office and State in full, being particular to write your name very distinctly.*

Remittances can be made by Post Office Money Orders, Bank Drafts, Express Orders or cash sent in Registered Letter.

Orders from unknown correspondents must be accompanied by a remittance or a satisfactory reference.

When ordering seeds by Mail postage must always be added at the rate of eight cents per pound, in quantities of one-fourth pound and upwards. Seeds by packet and ounce will be mailed without extra charge.

In shipping we make no charge for delivery to railroads or express companies.

We are thankful for the generous patronage heretofore given and intend to continue to merit the same by exercising the utmost care and fidelity in promoting the interests of our customers.

R. B. DUNNING & CO.

### LIBERAL REDUCTION TO CLUBS

Liberal reductions will be made to persons selecting packet seeds from our Catalogue, at the prices named, and will be forwarded, postage free, to any part of the United States.

Those remitting \$1.00 may select seeds in packets, at Catalogue price amounting to \$1.25	
" " 2.00 " " " " " "	2.50
" " 3.00 " " " " " "	4.00
" " 4.00 " " " " " "	5.50
" " 5.00 " " " " " "	7.00

This reduction is for *packet seeds only*. Seeds when ordered by the ounce, pound or quart will not be included.



ESTABLISHED 1835

# R. B. Dunning & Co.

## Seedsman

1911

Illustrated and Descriptive Catalogue of  
Garden, Field and Grass Seeds, Garden  
Tools, Agricultural Implements  
Poultry Supplies, Wooden  
Ware, Dairy Sup=  
plies, Etc.

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— Dealers in —

Garden, Field and Grass Seeds, Fertilizers, Land Plaster, Agricultural Lime, Agricultural Implements, Garden Tools, Wooden Ware, Galvanized Iron Ware, Dairy Supplies, Poultry Supplies, Calcine Plaster, Lime, Pulp Plaster, Hair, Cement, Fire Brick, Fire Clay, Sewer Pipe, Chimney Tile, Flue Lining, Wind Mills, Pumps, Pipe and Pipe Fittings, Mill Supplies, Plumbing Supplies.

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R. B. Dunning & Co.

Nos. 54, 58 and 62 Broad St.

No. 37 Mercantile Sq.

Bangor,

= =

Maine



# Selected Northern Grown Vegetable Seeds

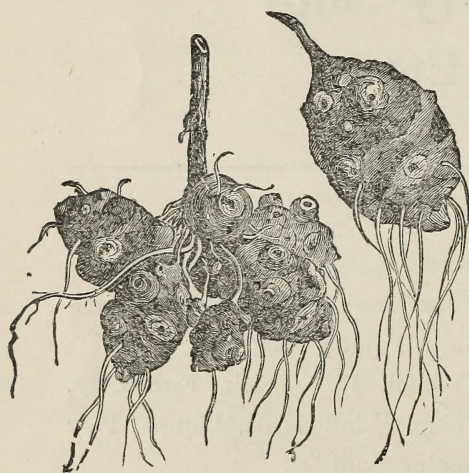
Seeds sent by mail or express as the purchaser may wish. When ordering to be sent by mail, add postage for Beans and Peas at the rate of 15 cents per quart, to Sweet Corn, 10 cents per quart, and to Flint or Field Corn, 15 cents per quart to catalogue prices.

Bulk seeds by the pound, if ordered sent by mail, add 8 cents per pound for postage.

Seeds in packets and ounces sent by mail free.

Peas are extremely short this season, not being enough to supply the demand. See notice under heading of peas, page 19.

## ARTICHOKE—Jerusalem



From four to five bushels will seed an acre; they should be cut the same as potatoes, one eye on a piece being sufficient, planted in May, in rows three feet apart, and about eighteen inches in the rows, and covered about two inches deep.

They are the best hog food known, and are attracting much attention on account of their great fattening properties, and for milch cows, they excel any root grown for increasing the flow of milk, and make it much richer.

An acre will keep from 20 to 30 hogs during the fall and winter months.

They are well adapted to any soil where corn or potatoes can be grown.

Jerusalem Artichoke. Tubers, per quart, 25 cents; per peck, \$1.00; per bushel, \$3.00.

## ASPARAGUS

This is one of the first and finest spring relishes which comes to the table from the garden, and it really requires very little trouble in cultivation, since a bed once properly made and planted will last for years. The soil for the bed can hardly be made too rich, and the fertilizer should be well trenched-in to the depth of 2 feet or more. The roots should be planted as early in spring as the ground can be prepared, setting them a foot apart in rows 3 or 4 feet apart, with the crowns from 4 to 6 inches below the surface of the bed. Asparagus seed may be sown directly in the permanent bed and





the plants thinned as they grow; or it may be sown elsewhere, and the seedlings transplanted the second year. An ounce of seed will sow 50 feet of drill, and produce about 300 plants. Fair crops may be expected the third year.

**Colossal.** Widely cultivated; very large, deep green; tender Pkt. Oz.  $\frac{1}{4}$ lb  
stalks of good flavor; the roots are vigorous and productive, 5 .10 .20



**Improved Golden Wax Beans**

### BEANS—Dwarf or Bush

One quart is sufficient for one hundred feet of drill; two bushels for one acre in drills.

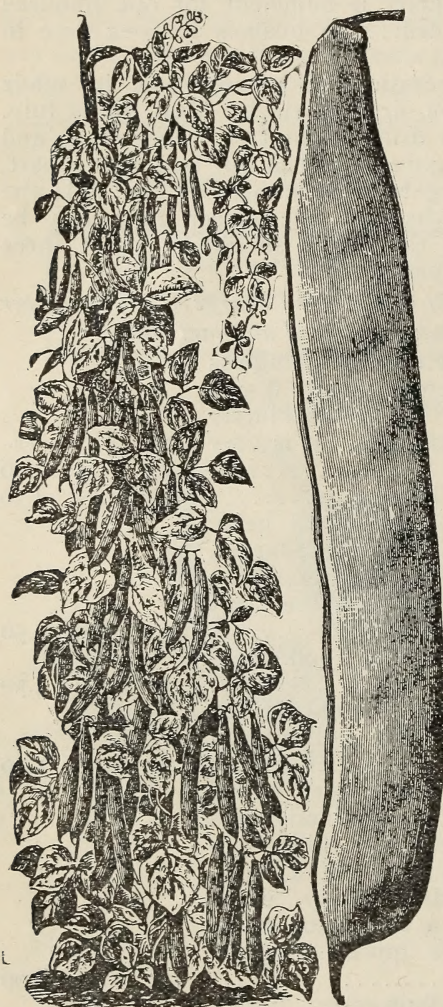
A succession of sowings can be made from the first week in May until July. Plant in drills about two inches deep, and from eighteen inches to two feet apart, according to the richness of the soil; the poorer the soil the closer they can be planted; the plants should be about three inches apart.

*Beans ordered sent by mail are subject to an extra charge of 15 cents per quart and 8 cents per pint for postage. Pints furnished at quart rates.*

<b>Burpee's Stringless Pod Bush Beans.</b> The only stringless green pod bush bean in cultivation, consequently it surpasses all others in crisp, tender flavor. All are absolutely stringless, and of a beautiful fleshy appearance. It is very early and very prolific.....	.25	1.75	6.00
<b>Dwarf Horticultural.</b> A fine, early shell bean.....	.20	1.25	4.50
<b>Improved Goddard or Boston Favorite.</b> A fine shell bean, very similar to the Dwarf Horticultural, but much larger. A great favorite throughout this section as a shell bean for market gardeners as it matures earlier than the large pole varieties.....	.20	1.50	5.50
<b>Currie's Rust Proof.</b> Straight, yellow, stringless pod. Unsurpassed for quality.....	.20	1.50	5.50
<b>Improved Golden Wax.</b> An improvement on the old Golden Wax. The pod is somewhat round, meaty and entirely rust proof.....	.20	1.50	5.50
<b>Davis Kidney Wax.</b> This plant is a vigorous grower, carrying the pods well up from the ground. In productiveness it is astonishing, as it will produce at least one-third more bushels of pods to the acre than any other Wax Bean. The pods are long, straight, oval, of clear, waxy, white color and handsome, often growing to a length of seven to eight inches, and when fit for use, are quite stringless and of fine flavor.....	.25	1.75	6.00
<b>Wardwell's Kidney Wax.</b> Early; vine medium, erect, hardy, productive. Pods long, broad, flat, brittle and of a delicate waxy-yellow. Very attractive market sort. Beans large, kidney shaped, white and dark markings about the eye. First-class snap bean, and a good one for winter...	.25	1.75	6.00
<b>Early Mohawk.</b> Very early, hardy and productive. Large flat, dark green pods, five to six inches in length.....	.20	1.50	5.50
<b>Low's Champion.</b> One of the best for either snap or shell beans. Very productive; large, green, flat pods.....	.20	1.50	5.00
<b>Refugee Wax.</b> Long, round, yellow wax pods, very productive, and not inclined to rust.....	.25	1.75	6.00



<b>Long Yellow Six Weeks.</b> Hardy and prolific, an excellent early string bean; pods green.....	Qt.	Pk.	Bu.
<b>Yellow Eye. (Old Fashioned).</b> Very productive; not as large as the improved, but of better quality for baking...	.20	1.25	4.75
<b>Improved Yellow Eye.</b> Very prolific; fine for baking.....	.20	1.00	3.50
<b>Improved White Pea.</b> Excellent for baking.....	.20	1.00	3.50



**Lazy Wives Pole Beans**

<b>Lazy Wives.</b> Immensely popular everywhere. Pods are large, green, entirely stringless, and of excellent flavor. It is exceedingly productive and easily gathered. Such is the peculiar taste and pleasant flavor of this bean that many persons could not be induced to eat other varieties of string beans, after tasting Lazy Wives. Excellent for shelling or baking.....	.25	1.75	6.00
<b>Red Cranberry.</b> Small, round green pods, almost stringless, very tender. One of the very best for a string bean.....	Crop a Failure		

## BEANS—Pole or Running

One quart will plant one hundred hills, ten to twelve quarts to the acre.

These are more tender, and require rather more care in culture than the bush beans; they succeed best in sandy loam, which should be liberally enriched with short manure in the hills, which are formed, according to the variety, from three to four feet apart; from five to six seeds are planted in each hill, about two inches deep.

*Beans ordered sent by mail are subject to an extra charge of 15c per quart for postage, pints furnished at quart rates*

### Horticultural Pole.

The most popular variety for both string and shell beans .....

Qt.	Pk.	Bu.
.25	1.75	6.00

### Mammoth Horticultural.

An improvement over the common Horticultural, being very much larger and much more productive.

As a market shell bean, it has no equal,

Qt.	Pk.	Bu.
.30	2.00	7.50

### Indian Chief or Black Wax.

A very tender string bean....

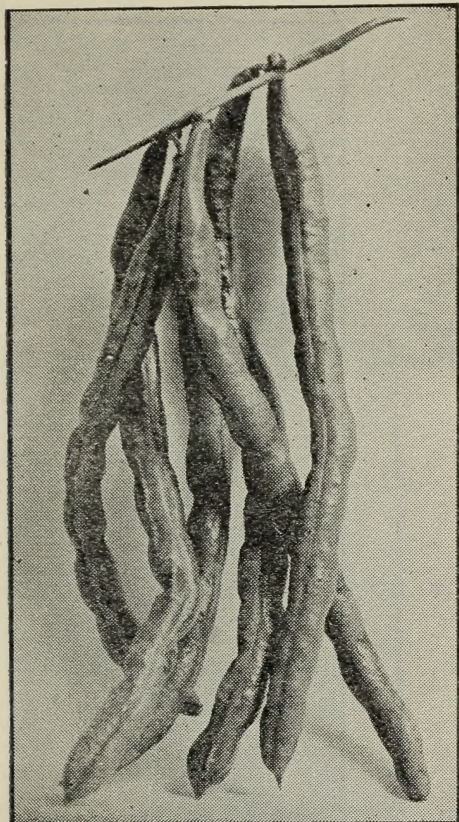
Qt.	Pk.	Bu.
.25	1.75	6.50

### Mont d'Or, or Golden Butter.

Earliest of the wax pole varieties, unsurpassed in quality .....

Qt.	Pk.	Bu.
.25	1.75	6.00



**Kentucky Wonder Beans**

**Scarlet Runner.** Very ornamental, free climber with bright scarlet flowers....

Pkt.	Qt.	Pk.
.10	.30	1.75

**White Dutch Runners.** Large, white flowers; often planted with the scarlet variety; the effect is very beautiful.....

.10	.30	1.75
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**BEETS**

One ounce to fifty feet of drill; six pounds to the acre.

The best results are obtained on a deep, rich, sandy loam. For early use sow as soon as the ground will admit, in drills fourteen inches apart, and thin to four inches; for the main crop sow the first week in May, and for winter use as late as June. The soil should be deeply manured and well cultivated. In lifting and storing the roots, care must be taken that they are not bruised.

**KENTUCKY WONDER  
or Old Homestead**

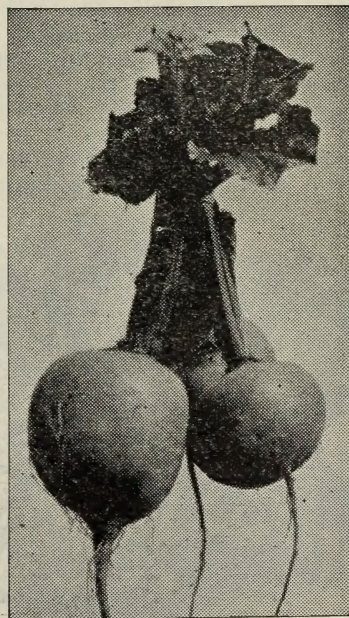
A very prolific sort producing its pods in large clusters. Pods green, very long, often reaching nine or ten inches, nearly round when young and very crisp, of fine flavor and most excellent for snap beans. One of the best and most profitable beans for the market gardener, the pods being so showy and produced in great abundance..

Qt.	Pk.	Bu.
.25	1.75	6.50

**Early Jersey Lima.**

Of large size. Very tender and of delicious flavor. Very early. Out of a number of varieties that we have tried, we found this to be the most desirable sort for this climate

.30	2.00	7.00
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**Detriot Dark Red Beet**

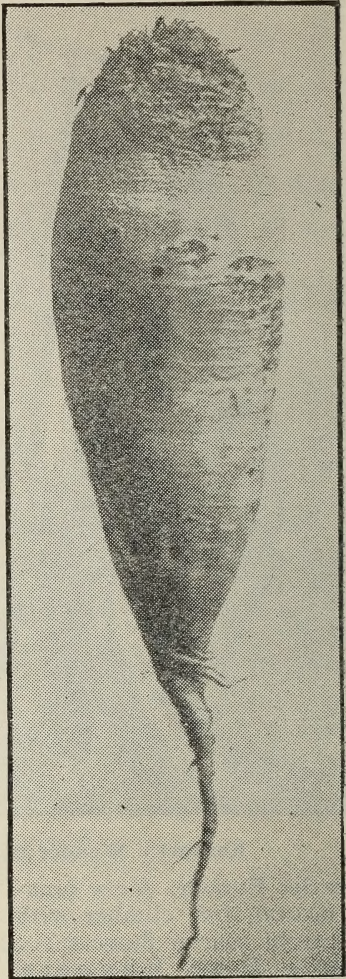


**Perfection Early Blood Turnip Beet.** This beet is the result of years of careful selection. It is very early with exceedingly small tops, roots globular and very smooth, flesh of a bright blood red color, very crisp, tender and sweet. It is equally good for the market or home garden as it is an excellent keeper Pkt 20z ¼lb 1b as well as being very early...Crop a Failure

**Detroit Dark Red Beet.** As early as Crosby's Egyptian, with flesh a very dark, intense red. Tops small, roots globular or ovoid; very tender and sweet; good keeper. An early beet of the finest quality for either home or market use, 5 .10 .20 .70

**Dirigo Extra Early.** Originated with a leading market gardener and was brought to perfection after years of careful cultivation. It is a rich, blood-red beet of fine grain and flavor, is earlier than either the Egyptian or Eclipse, of smooth and rapid growth; top and tap root being very small..... 5 .15 .25 .85

**Crosby's Egyptian.** This variety resembles the Egyptian



Giant Feeding Sugar Beet

only in its extreme earliness. It grows much larger and lighter colored. It is one of the best sorts for early planting as it reaches a usable size sooner Pkt 20z ¼lb 1b than any other sort, 5 .15 .25 .80

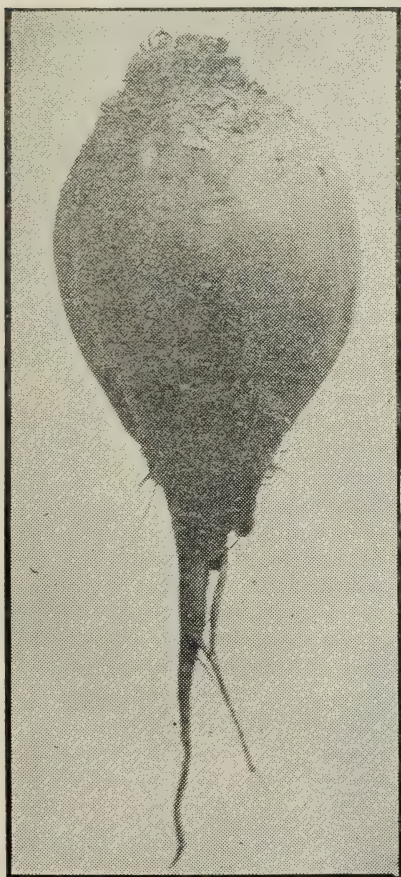
**Eclipse.** This variety is about as early as the Egyptian, but of larger and finer quality ..... 5 .10 .20 .60



Swiss Chard Beet



<b>Bastian's Early Blood Turnip.</b> Larger than the Egyptian and follows it and the Eclipse in point of earliness; not so dark in color.....	Pkt	2oz	¼lb	1b
	5	.10	.20	.60
<b>Dewing's Blood Turnip.</b> Of fine form and flavor and deep blood red; a desirable variety.....	5	.10	.20	.60
<b>Long Smooth Blood Red.</b> This is a long, smooth beet, growing to good size.....	5	.10	.20	.60
<b>Edmand's Early Blood Turnip.</b> The largest sort for general crop. In quality one of the finest, exceedingly dark, shape globular, having only one tap root. Very popular with marketmen .....	5	.10	.20	.65
<b>Swiss Chard.</b> Used for greens.....	5	.10	.20	.60

**Giant Yellow Intermediate**

## **SUGAR BEETS and MANGEL WURZELS**

Varieties Grown for Feeding Stock  
(Sown in May or Early in June),  
Six Pounds Per Acre.

**Giant Feeding Sugar.** A cross of the Mammoth Red Mangel and Improved Sugar Beet. Roots large, long and smooth, and of a beautiful light rose tint. Yields nearly as large a crop as the Mangels, and supplies a food of very much higher nutritive value. The roots grow partly out of the ground and can be harvested very easily .....

	2oz	¼lb	1b
	.10	.20	.50

**Lane's Improved Sugar.** A well known variety; valuable for feeding to cattle... .10 .15 .35

**Giant Yellow Intermediate.** This variety grows more than half above the ground, and is a russet, yellow color. The root is ovoid, intermediate between the long and globe varieties. Flesh white, firm and sweet, much liked by cattle. Produces enormous crops and a good keeper.. .10 .15 .35

<b>Yellow Globe Mangel Wurzel.</b> Roots of large size, and globular form; very productive.....	.10	.15	.35
<b>Improved Mammoth Long Red Mangel Wurzel.</b> A variety producing roots of mammoth size.....	.10	.15	.35
<b>Golden Tankard.</b> A half long variety of a bright yellow color...	.10	.15	.40
<b>Norbition Giant Mangel Wurzel.</b> Extra fine Long Red, very large .....	.10	.15	.35



## CABBAGE

One ounce will produce about three thousand plants.

The Cabbage is one of the most important vegetables, and some of its varieties universally cultivated. The ground must be highly manured, deeply dug or plowed, and thoroughly worked, to insure good, full sized heads. A heavy moist and fresh loam is the most suitable. The early sorts should be sown very early in the spring, in hotbeds, or later in the open ground.



**Early Spring Cabbage**

Eighteen inches by three feet apart is the common distance. **Early Winningstadt.** An excellent sort; heads of large size... **Early Jersey Wakefield.** This is the standard early pointed-head cabbage. For the market garden it is the best, and for early home use all should have it. **Henderson's Early Summer.** The standard summer variety. Unexcelled for the market garden and good for home use. **Early Spring.** The only Extra Early Round, Flatheaded Cabbage in the world. Coming in with the Wakefield, and yielding one-third more than any other Extra Early. This variety is of the Early Summer Type, but about one-fifth smaller, and has only four to five outside leaves, and these so small that it may be planted twenty-one inches apart, 14,500 to the acre. The stem is short, making almost the whole plant edible. It is finely bred, the veining of the leaves being particularly fine. There is no cabbage we know of having a more solid head; it has also the peculiarity of heading firmly at an

Pkt	Oz	¼lb
5	.20	.60
5	.20	.60
5	.20	.60



**Fottler's Improved Brunswick Cabbage**

early stage in its growth, so that the finest cabbage, though small, can be obtained long before it has attained its mature size, **Premium Flat Dutch.** The old standard variety for main crop. It has long stood the test and is yet one of the best

5	.30	1.00
5	.20	.60



	Pkt.	Oz.	¼lb.
<b>Stone-Mason Drumhead.</b> One of the very best for a main crop,	5	.20	.60

**Deep Head.** An early strain of the Flat Dutch type. The plant is rather below medium size; very short stemmed and few leaved. The leaves are large, broad and quite thick. The head is oval and very large for size of plant, solid and of good quality. It matures just after the All Seasons' Cabbage and is very popular with gardeners..... 5 .20 .60

<b>All Seasons' Cabbage.</b>	Pkt.	Oz.	¼lb.
Early; solid and sure headed .....	5	.20	.60

<b>Fottler's Improved Brunswick.</b> An excellent early Drumhead variety; produces a firm and solid head....	5	.20	.65
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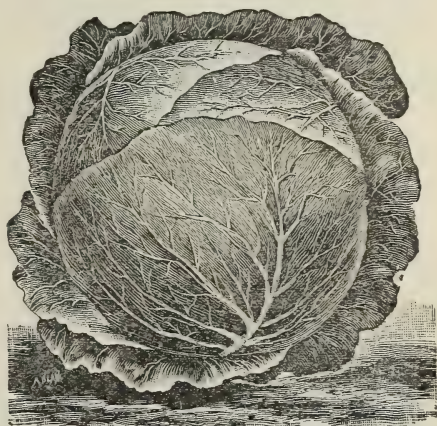
<b>Henderson's Succession.</b> One of the finest for a second early or late sort .....	5	.20	.60
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**Autumn King.** Entirely distinct, one of the best keepers, enormous sized head, of that dark shade of green, which is most desirable in a cabbage and has such small outer leaves that it can be planted much closer together than the ordinary late sorts; therefore can be relied upon to produce a greater weight of crop per acre than any other variety. A distinct feature of the Autumn King is the peculiarly crimped leaf, which not only adds to its appearance, but enables it to be distinguished anywhere..... 5\* .20 .60

<b>Mammoth Rock Red.</b> This is the best, largest and surest heading red cabbage ever introduced. The head is large, round, very solid and of deep red color.....	5	.20	.60
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<b>Sure Head.</b> Produces large, round, flattened heads of The Flat Dutch type, and is remarkable for its certainty to head. It is all head and sure to head even under unfavorable conditions. The heads are remarkably uniform, very hard, firm and fine in texture, and, ordinarily, weigh from 10 to 15 pounds each. Has but few leaves, keeps well. A good shipper, and just the variety to suit market gardeners and farmers.....	5	.25	.75
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<b>Danish Ball Head.</b> An extremely hardy, imported cabbage, which is growing in popularity in America, having proven itself one of the very best winter sorts. It is a very sure header, very solid and heavy, an extra good keeper and seller. It is medium to late, but is generally grown as a late crop. Heads are not extra large and without many outer leaves. It is the best cabbage to raise where it is sold by weight, as its solidity is not equalled by any other cabbage grown.....	5	.25	.85
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Sure Head Cabbage



## CARROTS

One ounce to one hundred feet of drill; three to four pounds to the acre.

Carrots require a very finely pulverized soil to grow them to perfection. A good, light and well enriched sandy loam is the best for this crop. For field culture, sow in drills three to three and one-half feet apart, so as to cultivate by horse. Market gardeners sow in drills about eighteen inches apart, and cultivate by hand. For early crops cover one-half an inch deep, and thin to six inches apart, in the rows; for late, cover three-fourths of an inch deep, and thin to four inches.

**Early French Forcing.** The earliest variety in cultivation and the best suited

for forcing and early market gardening. Tops, small and divided. The roots are a red-

dish orange color and nearly round. When fully matured, they are about

two inches in diameter..... Pkt. Oz. ¼lb. 1b.  
5 .15 .25 .85

**Long Orange.** Roots of large size, heavy cropper and excellent keeper.. 5 .10 .20 .75

**Danvers' Half Long.** In form it is midway between the Long Orange and Ox Heart. The root is of a dark orange color and grows very smooth.

Very productive..... 5 .10 .25 .80

**New Ox Heart.** A very early and heavy yielder. Thick and short

in form, scarlet in color..... Pkt. Oz. ¼lb. 1b.  
5 .10 .25 .80

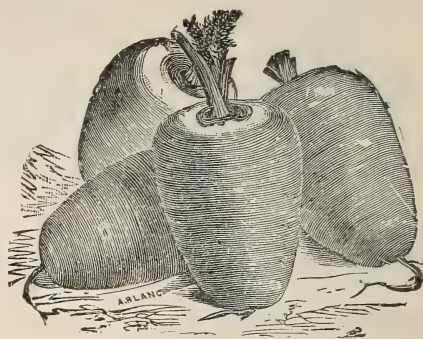
**Long White Belgium.** Large, long rooted variety; valuable for feeding stock.... 5 .10 .20 .75

## CAULIFLOWER

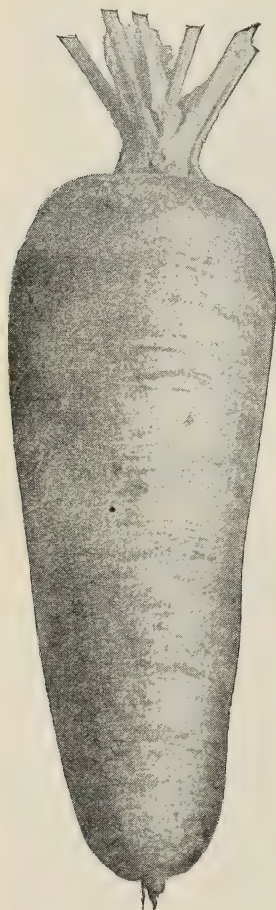
One ounce will produce about three thousand plants.

Any soil that will grow early Cabbages will grow Cauliflower, as their requirements are almost similar; but as the product is more valuable, extra manuring and preparation of the soil will be well paid.

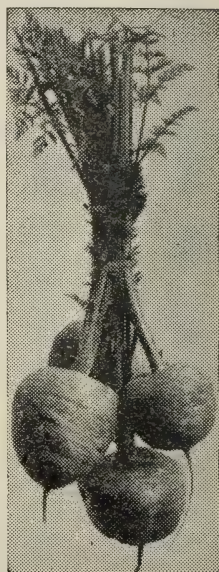
The seeds may be sown in the hot-bed in March or April, and transplanted to open ground about the first of May.



Ox Heart Carrots



Danvers' Half-Long Carrot



French Forcing Carrot



**Henderson's Early Snowball.**

A very reliable, early variety .....	Pkt.	Oz.
	.10	2.00

**Early Favorite.** One of the best early varieties, very hardy, easily grown and will head under conditions in which many sorts will fail. Heads large, solid, crisp and tender..... 5 1.00

**CELERY**

One ounce of seed produces about four thousand plants.

To have celery early, it should be sown in a hot-bed quite early in the spring, and when three inches high plant out in a well prepared bed, which must be covered in frosty weather. For the principal

**Golden Self-Bleaching Celery**

One quart to two hundred hills, ten quarts to an acre.

The Sweet or Sugar varieties being liable to rot in cold or wet ground, should not be planted before the middle of May and for a succession continue planting every two weeks, until July, in rich, well manured ground, in hills three feet apart, each way, covering about half an inch and thin out to three plants to a hill, or plant in rows four feet apart, and to stand eight inches apart in rows. The field varieties should be planted four feet apart each way leaving three plants to a hill.

**Early Gem Sweet Corn.** Extremely early, of superior quality and one of the first to mature. This corn has a medium sized white ear, with rich, tender kernels. It is from seven to ten days earlier than the Cory and far superior in quality.....

Pkt.	Qt.	Pk.	Bu.
.10	.30	2.00	7.00

**Henderson's Early Snowball Cauliflower**

sow early in spring, very shallow in the seedbed, and when the plants are about six inches high, transplant them about six inches apart into trenches, for blanching. Dig the trenches four feet apart, a foot wide and ten inches deep. Fill in five or six inches of well rotted manure, and mix thoroughly, half a spade deep, with the earth at the bottom. The tops of the plants should be shortened before they are set. Earth up to blanch, three or four times during their growth, taking care that no earth falls in the center of the plants.

**Boston Market.** A favorite variety, remarkable for its tender, crisp, succulent stems, keeps well..... Pkt. Oz.  
5 .20

**Henderson's White Plume.** Crisp, solid and possessing a sweet, nutty flavor; requires very little labor in bleaching, 5 .20

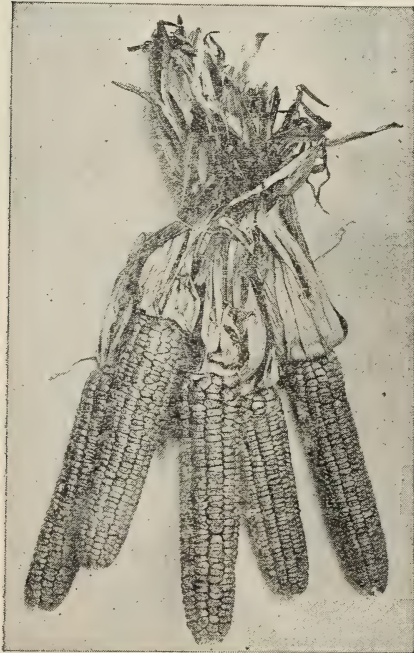
**Golden Self-Bleaching.** A self-bleaching early golden-colored variety that is very popular ..... 5 .40

**CORN—Sweet**

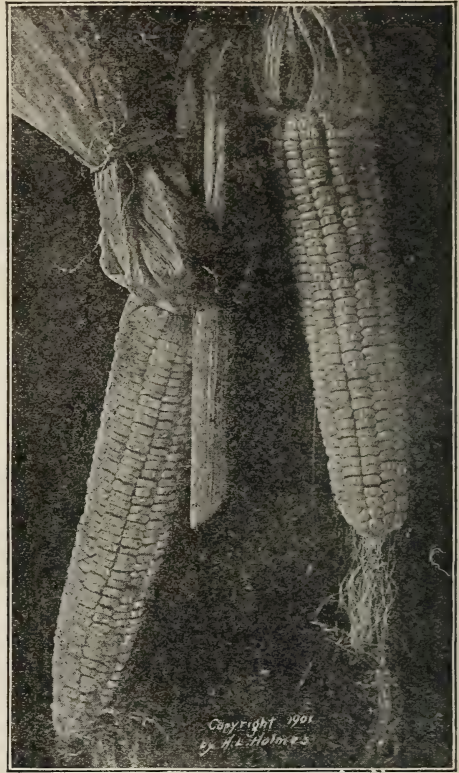


**Golden Bantam Sweet Corn.** This corn has a medium-sized ear of a bright golden color. It is extremely sweet, of delicious flavor and unusually tender. The stalks grow about five feet high and are very vigorous, bearing two to three well-filled ears on each stalk. It matures a few days earlier than the early Crosby. 5 .25 1.25 4.50

**Holmes' Premo.** A very early sweet corn. The stalks grow about five feet high. Ears medium size and well filled. Kernels



Golden Bantam Sweet Corn



Early Gem Sweet Corn

white and of excellent flavor. One of the best early varieties grown.. 5 .20 1.25 4.00

**Early Cory. (Red Cob).** A very early dwarf variety, an excellent sort, sweet and good flavor ..... 5 .20 1.25 4.00

**White Cory.** Similar to the above, but with white cob and white kernels ..... 5 .20 1.25 4.50

**Early Crosby.** Not so early as the Cory or Early Gem; of very rich, sugary flavor.... 5 .20 1.25 4.00

**Late Crosby.** This resembles the Early Crosby. It has the same rich, sugary flavor. Ears large and well filled. Kernels white. About one week later than the Early



Crosby. One of the best medium late table and market varieties ever introduced . . . . . 5 .20 1.00 3.50

### Extra Early Evergreen.

This is a strain of this late variety of sweet corn that will mature in this climate. We have been troubled in the past by our Evergreen Sweet Corn not maturing, owing to the short season in this section. We have tried this strain for the past few seasons and have been very much pleased with it. All lovers of sweet corn should not fail to try this variety. It is very large and deepkerneled with a sweet, sugary flavor . . . . . 5 .20 1.25 4.00

**Black Mexican.** Grain bluish black, but is especially rich in sugar qualities... 5 .20 1.25 4.00

*Sweet Corn ordered sent by mail is subject to an extra charge of ten cents per quart and five cents per pint for postage. Pints furnished at quart rates.*

## CORN—Field

### Extra Early Yellow Can-

ada. This is a very early eight-rowed variety which we have secured after years of careful selection. Produces large, long, well-filled golden yellow ears; very prolific.....

Qt.	Pk.	Bu.
.10	.50	1.75

### Early Yellow Canada Corn

*If ordered sent by mail add fifteen cents per quart and eight cents per pint for postage*

**Red Cob Ensilage.** A pure white corn. It is sweet, tender and juicy, has short joints, grows to a great height with an abundance of leaves.....

Qt.	Pk.	Bu.
.10	.40	1.40

**Evergreen Sweet Fodder.** For cutting green and feeding to stock this variety excels all others in tenderness, sweetness and nutriment. Also popular as a silo variety.....

.10	.60	2.00
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**Early Sanford.** A white flint variety, very valuable for ensilage and fodder, the stalks being very large and numerous. Particularly adapted to this climate as it ears well and if planted early, will come to maturity.....

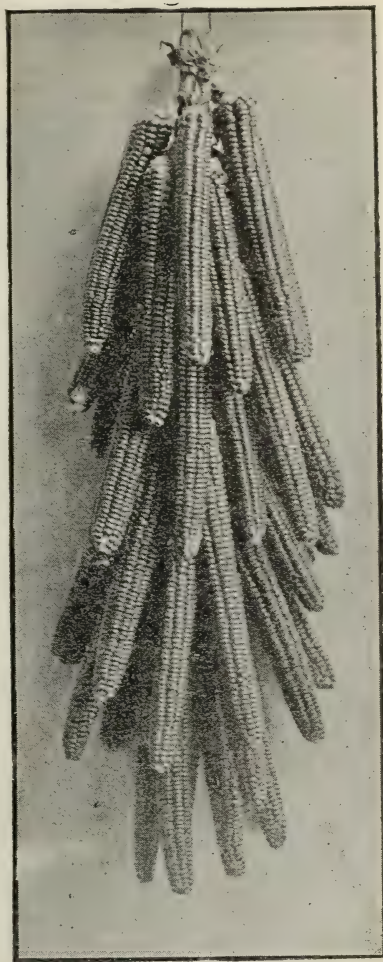
.10	.50	1.60
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**Leaming.** An early, yellow dent variety. Very productive. One of the best for ensilage or green fodder.....

.10	.40	1.40
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**Black Rice Pop Corn.** Very early. Excellent for popping. On the cob, price per ear, 3 cents each; per lb., 10 cents.

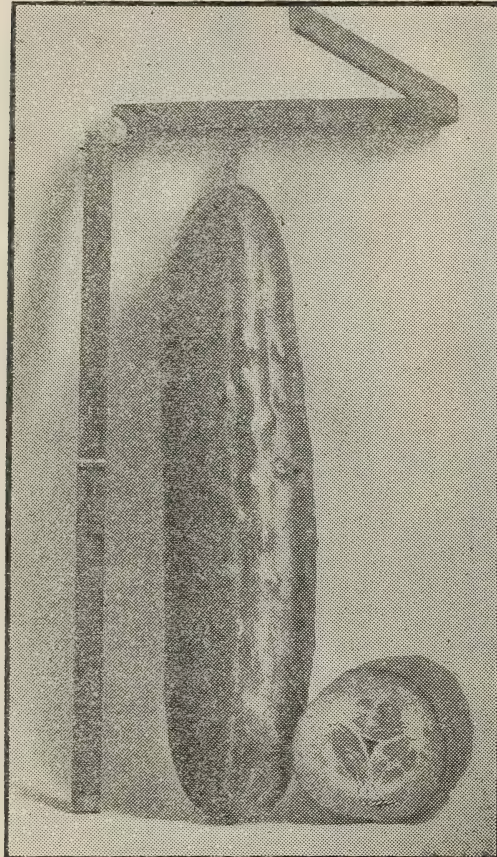
*In ordering corn in quantities of 1-2 bushel or over, add 20c. for bags capable of holding 2 bushels each*





**CRESS OR PEPPER GRASS**

A well known salad. Requires to be sown thickly and covered very slightly. Sow at frequent intervals to keep up a succession as it soon runs to seed. Pkt Oz  
Double Curled. Very fine; may be cut two or three times..... 5 .15



**Japanese Climbing Cucumber**

**Early Russian.** The earliest variety ..... 5 .10 .30 1.00  
**Early Frame.** An early standard variety; about five inches long 5 .10 .30 1.00  
**Improved White Spine.** Superior for table use, very productive, medium sized, straight Pkt Oz ¼lb 1b  
and well formed ..... 5 .10 .30 1.00

**Nichols' Medium Green.** This is a very fine table variety, and also good for early forcing. Color, dark green; flesh, very crisp; very prolific and always straight,

**CUCUMBER**

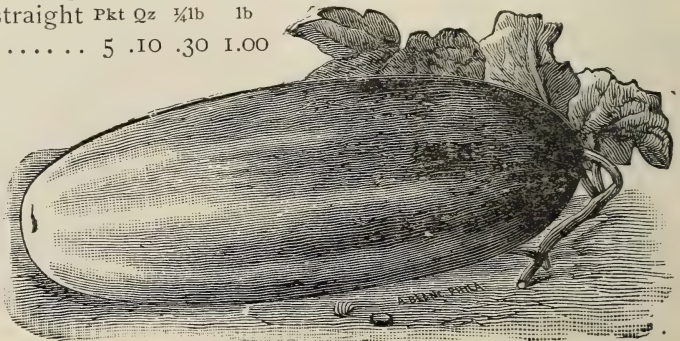
One ounce to fifty hills.

The Cucumber is a tender annual, and therefore should not be planted or set out in the open air until there is a prospect of continued warm and pleasant weather. Cucumbers succeed in warm, moist, rich, loamy ground. The hills should be four or five feet apart in each direction.

When all danger from insects is passed, leave but three or four of the strongest plants in the hill.

**Japanese Climbing.**

A distinct and valuable variety quickly climbing poles or trellis, taking up less room in the garden and keeping the fruit up from the ground and clean. It produces very long, round, crisp fruit of fine flavor and is very pro- Pkt Oz ¼lb 1b  
lific ..... 5 .15 .45 1.50



**Improved White Spine Cucumber**



smooth and handsome. It also makes a very desirable sort for pickles .....	Pkt	Oz	¼lb	1lb
Early Green Cluster. Grows in clusters, early and productive .....	5	.10	.30	1.00
Improved Long Green. Long and crisp; a popular and reliable variety for pickles.....	5	.10	.30	1.00
Boston Pickling. The finest variety to grow for pickles.....	5	.10	.30	1.00

**Improved Thick-Leaved Dandelion**

Improved Thick-Leaved. Best variety .....	Pkt	Oz	¼lb	1lb
	.10	.50	1.60	

**DANDELION**

One ounce to one hundred ft. of drill.

The Dandelion resembles Endive, and affords one of the earliest, as well as one of the most healthful, of spring greens. Sow as early as the weather will permit, in good, well-enriched soil, in rows twelve inches apart, covering seed one-fourth of an inch deep, the earth firmly pressed over the seed.

**ENDIVE**

One ounce to one hundred and fifty feet of drill.

Endive may be grown at any season of the year, but is more generally used late in the fall. Sow the seed during May or June, in drills, fourteen inches apart, and when well established, thin to one foot apart. When nearly full grown, tie the outer leaves together over the center in order to blanch the heart of the plant.

**Green Curled.** This is the hardiest variety, and very desirable for the home and market garden. The deep green leaves are beautifully cut and curled, easily blanched, and become very crisp, tender and fine flavored.....

Pkt	Oz
5	.20

**White Curled.** By far the most beautiful variety. Plants moderately dense, with divided leaves, which are coarser and less tender than those of the Green Curled; but even the outer leaves are very light colored, frequently white, so that the plant is very attractive and always brings the highest price on the market..

5	.20
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**Green Curled Endive****LEEK**

Belongs to the onion family and by some preferred to that vegetable. Sow the seeds and care for the young plants same as for onions, but they



need a little more room in order to develop fully. When the young plants are about the size of a goosequill, transplant to a prepared bed in rows one foot apart and four or five inches in the row. Set the roots deep and draw the earth to them when cultivating, so that they may be well blanched by the time they are fit for use.



London Flag Leek

Improved Hanson.

Forms very large, firm heads, which are deliciously sweet, crisp and tender; heads green outside and white within. For outdoor culture unexcelled .....

Pkt	Oz	½lb
5	.20	.60

New Sensation.

This remarkable variety has rapidly grown in popularity until it has become the leader among gardeners.

No other lettuce thrives so well when grown at any season of the year, withstanding the hottest weather in a remarkable degree. It is a beautiful light yellowish-green color, leaves much blistered on the surface, and has the peculiarity of forming a solid head, even before half grown. Its uniform, handsome and even growth is unequalled and it is one of the easiest to grow.....

Early Tennisball. White seeded. Extensively grown for forcing and heading under glass, heads firm and good size; very white and crisp.....

Early Tennisball. Black seeded. A very popular sort for open ground culture; forms a handsome head and is crisp and tender

Boston Curled. A variety of great beauty and of superior quality. Leaves beautifully curled; attractive on table.....

London Flag. It is the variety more cultivated in this country than any other. It is hardy and of good quality.....

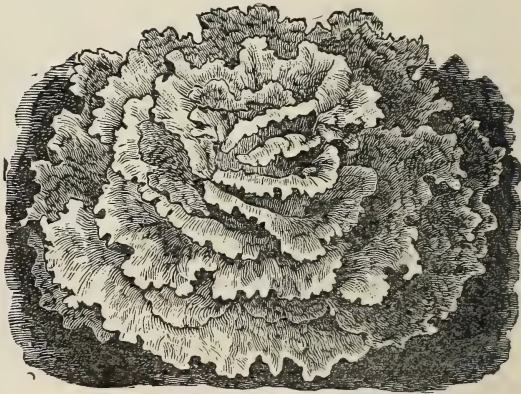
Pkt	Oz	½lb
5	.20	.60

LETTUCE

One ounce to one hundred and twenty feet of drill.

Lettuce thrives best in rich, moist ground. Sow the seed in hot-beds in February or March, and transplant into a sheltered border with a southern exposure. For successive crops, sowings may be made in the open ground as early as the spring opens, and continuing until July.

Lettuce should always be transplanted in order to make it head well.



Big Boston Lettuce

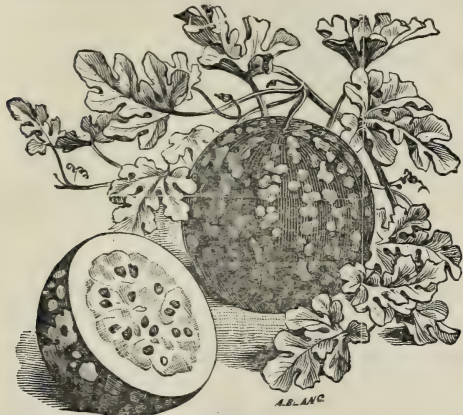
Pkt	Oz	½lb
5	.20	.60

5	.15	.50
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5	.15	.50
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5	.15	.50
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- Black Seeded Simpson.** Heads very large with light colored leaves; leaves being almost white and beautifully curled. Stands summer heat splendidly and remains long fit for use, 5 Pkt. Oz. ¼lb. .15 .50
- Ferry's Early Prize Head.** Forms a large, tender and crisp mass of leaves of superior flavor and very hardy. Slow to run to seed and does not become bitter as early as many other sorts. 5 Pkt. Oz. ¼lb. .15 .50

**Citron Preserving Melon**

- ger of frost is past, plant twelve or fifteen seeds in each hill, and when well up, thin out to three or four plants in each hill.
- Nutmeg.** Named from its shape; flesh green and sweet. 5 Pkt. Oz. ¼lb. .10 .25
- Large Round Yellow Cantaloupe.** Flesh reddish orange, sweet and of good flavor; an early and productive variety. 5 Pkt. Oz. ¼lb. .10 .25
- Miller's Cream.** This is one of the finest, all-round melons in existence. Flesh of a rich salmon color, very sweet and melting in quality. 5 Pkt. Oz. ¼lb. .10 .25
- Extra Early Hackensack.** A green fleshed nutmeg of splendid quality. It is very early and a prolific bearer. 5 Pkt. Oz. ¼lb. .10 .25

**MELON—Water**

One ounce for thirty hills; four to five pounds for an acre.

Plant in hills eight feet apart, and cultivate same as Musk Melon.

- Vick's Early.** Productive, early and finely flavored; red flesh. 5 Pkt. Oz. ¼lb. .10 .25
- Mountain Sweet.** One of the best for general culture. 5 Pkt. Oz. ¼lb. .10 .25
- Citron.** The standard variety for preserves. 5 Pkt. Oz. ¼lb. .10 .25

**MUSTARD**

Sow thickly in rows at different times from May to July, and cut when about two inches high. Used as a salad or cut and boiled for greens. The seed is used for flavoring pickles, etc.

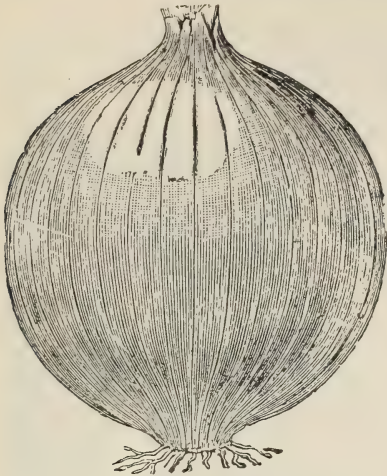
- White London.** The leaves are light green, mild and tender when young; seed light yellow. 5 Pkt. Oz. ¼lb. .10 .25

**ONION**

One ounce to one hundred feet of drill; five pounds to the acre.

No vegetable is more extensively known and cultivated than the Onion. A good crop is impossible unless the soil is very rich and kept clean. Use well-rotted manure freely, and get the crop in as early as possible in spring, no matter if the weather is cold and unpleasant. Sow in drills one foot apart, and cover about one-third of an inch, treading or rolling after sowing so that the hot, dry atmosphere may not dry up and destroy the sprouting seed.





**Yellow Globe Danvers Onion**

**Yellow Globe Danvers.** The most profitable variety to raise, very productive, a good keeper, of mild flavor, and always meets with ready sale..... 5 .15 .50 1.75

**American Silver Skin.**

Flavor mild and pleasant. Skin silver white. Handsome in appearance. Highly esteemed for pickling when young; also for market in early winter ..... 5 .20 .60 2.25

**Prize Taker.** This is one of the best of the huge foreign varieties. When started under glass and transplanted into open ground, they bottom well, are nearly free from stiff neck, and when offered for sale always attract marked attention. The variety is without doubt the largest onion grown, samples under special culture, sometimes ..... 5 .20 .75 2.25



**Large Red Wethersfield**

**Large Red Wethersfield.**  
Large size, productive and a good keeper..... 5 .20 .60 2.00  
**Extra Early Red Globe.** A very early variety of medium size and deep red color; an abundant producer and of good form and flavor, keeping well.. 5 .20 .60 2.00  
**Yellow Globe Danvers.—Extra choice.** Maine grown seed. This is far superior to the western grown seed as it is much earlier and is better adapted to our climate. It is sure to produce a good crop. The most profitable variety for the market gardener..... 5 .20 .75 2.50



Onion Sets should be planted near the surface as early in the spring as the ground will permit, in drills about twelve inches apart and four inches in the rows. They produce a very early and profitable crop.

*Onion Sets ordered by mail are subject to an extra charge of ten cents a quart for postage.*

	Per Qt.	Per Pk.		Per Qt.	Per Pk.
White Sets .....	.25	1.75	Potato Onion Sets .....	.20	1.00
Yellow Sets .....	.20	1.50			

For larger quantities prices will be given on application.

## PARSLEY

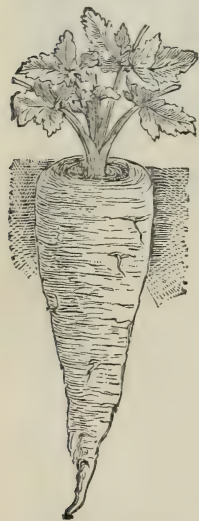
One ounce to one hundred and fifty feet of drill.

Parsley requires rich, mellow soil; sow thickly in drills; one foot apart, and half an inch deep. As the seed germinates slowly, it is best to soak it for a few hours in tepid water before sowing. For winter use, protect it in a glass frame or light cellar.

	Pkt.	Oz.	¼lb.
Double Curled .....	5	.10	.25

## PARSNIP

One ounce for two hundred feet of drill; five pounds to the acre.



Abbott's Improved  
Parsnip



Double Curled Parsley

Sow as early in the spring as the weather will admit, in drills 15 inches apart, covering half an inch deep, when well up thin out to five or six inches apart in the rows. Unlike carrots, they are improved by frost, and it is usual to take up in the fall a certain quantity for winter use, leaving the rest in the ground until spring, to be dug as required.

### Abbott's Improved, or Long Smooth.

	Pkt.	Oz.	¼lb.	1lb.
Smooth and quite large; one of the best .....	5	.10	.25	.75

## PEAS

**NOTICE.** Owing to the unfavorable climatic conditions throughout all the pea growing sections last season, there is the greatest shortage in seed peas ever known, not being enough to supply the ordinary demand.

We would recommend when sending us your orders to advise us to substitute some other variety, in case we are sold out of variety ordered.

One quart to seventy-five feet of drill; two to three bushels to the acre.

Peas for an early crop should be sown as soon as the ground is in working condition. The soil for their reception should be light, dry and well sheltered. Mild manure, such as leaf mould, has a beneficial effect; but for many of the varieties, the soil cannot be too rich. For general crop the ground should be well manured the previous year which causes them to yield more abundantly. When grown as a market crop, peas are never staked, and are sown in single rows, two or three inches deep, and from two to



three feet apart, according to the variety or strength of the soil. When grown in small quantities for private use, they are generally sown in double rows, six or eight inches apart, and the tall varieties staked up by brush.

*Peas ordered sent by mail are subject to an extra charge of fifteen cents per quart and eight cents per pint for postage. Pints furnished at quart rates.*

EXTRA EARLY VARITIES

**Sutton's Excelsior.** A dwarf, early, wrinkled variety, height about 15 inches, pods large and well filled; a very heavy yielder and of delicious flavor. In habit and growth it resembles the Nott's Excelsior, but is more prolific and has larger pods. This is without doubt the best early, dwarf pea on the market .....

Qt.	Pk.	Bus.
.50	—	—



Sutton's]Excelsior Peas

**Early Morn.** A new variety of extra early, large podded peas. Claimed by the grower that it is from 4 to 6 days earlier than the Gradus or Thomas Laxton Peas, with larger pods and a better cropper. That it is the earliest, large, wrinkled pea in cultivation. Vines grow from three to three and one-half feet high and are well filled with the immense pods. The peas are of excellent quality and delicious flavor .....

Qt.	Pk.	Bus.
.50	—	—

**Gradus or Prosperity.** A new, very large, extra early variety of wrinkled pea. The most desirable sort for the home and early market garden, large podded and of splendid quality. The vines grow about three feet high and are vigorous and hardy. The immense pods are as large as those of the Telephone, uniformly well shaped and handsome, and more attractive than those of other extra early varieties. The peas are very large, of splendid quality and beautiful color.....

.65	—	—
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**Thomas Laxton.** A new, early wrinkled variety of great merit. Vine three to three and one-half feet high, similar to that of Gradus, but darker in color, hardier and more productive. Pods large and long, similar to, but

larger than those of the Champion of England, and as uniformly well filled. The green peas are very large, fine colored and unsurpassed in quality. This pea has only to be known to become one of the most popular sort for the market and home garden, as it is one of the very best varieties yet produced.....

Qt.	Pk.	Bu.
.65	—	—

**Cleveland's Eclipse.** The earliest and most productive pea as compared with the hitherto earliest known pea on record. Grows about two feet high, seed green wrinkled. Smaller than the American Wonder, the pods of which it resembles. Pods true American Wonder in shape and size. A most desirable sort for canners, market gardeners or private family use.....

.35	—	—
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**Cleveland's Alaska.** A very early variety, smooth, blue, prolific and sweet. Height two feet; very desirable for early market gardening.....

.30	—	—
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**Nott's Excelsior.** One of the most valuable of all the wrinkled, dwarf peas. As early as the American Wonder, while the pods are larger, fully as well filled, and there are more of them. It grows a half taller than the American Wonder, and is a much heavier cropper.....

.40	3.00	10.00
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**Bliss' American Wonder.** One of the earliest and best known wrinkled, dwarf varieties, grows about nine inches high, and is covered with well filled pods.....

.35	2.50	9.00
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**Premium Gem.** A dwarf, prolific, green, wrinkled marrow, very early; about nine inches high.....

.35	2.50	9.00
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## SECOND EARLY VARIETIES

**Bliss' Abundance.** As the name implies, this is a heavy yielding variety and is a capital sort for the family garden, as in addition to its yielding capacity, it possesses great sweetness and general fine table qualities. Vines from 2 to 2½ feet high of strong vigorous growth.....

.35	2.25	8.00
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**Horsford's Market Garden.** A very fine second-early, green, wrinkled variety, not only good for family gardens, but especially for market garden purposes. Vines about two feet high; exceedingly prolific; pods are of medium size and are well filled with peas of finest flavor

.35	2.25	8.00
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**Dwarf Telephone.** A new variety with dwarf vines, bearing large, handsome pods, with peas of highest quality, without the long vines of the Telephone, and regular and uniform in growth. Height eighteen inches, stocky, healthy and vigorous, with almost no tendency to sport,



and from five to seven days earlier than the Stratagem. Pods long, remarkably well filled, and of good lasting quality for market purposes. Peas of large size, tender and of delicious flavor.....Crop a Failure.

**Pride of the Market.**

Grows from eighteen inches to two feet high, and bears grand pods, well filled with large and finely flavored peas. Its robust constitution, enormous productiveness and superior appearance, insure its acceptance as a

Qt.	Pk.	Bu.
.40	2.75	10.00

**Bliss' Everbearing.**

Fine wrinkled marrow; pods three to four inches long, well filled with large peas; grows about two feet high

.40	2.75	10.00
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**FOR GENERAL CROP**

**Admiral Dewey.**

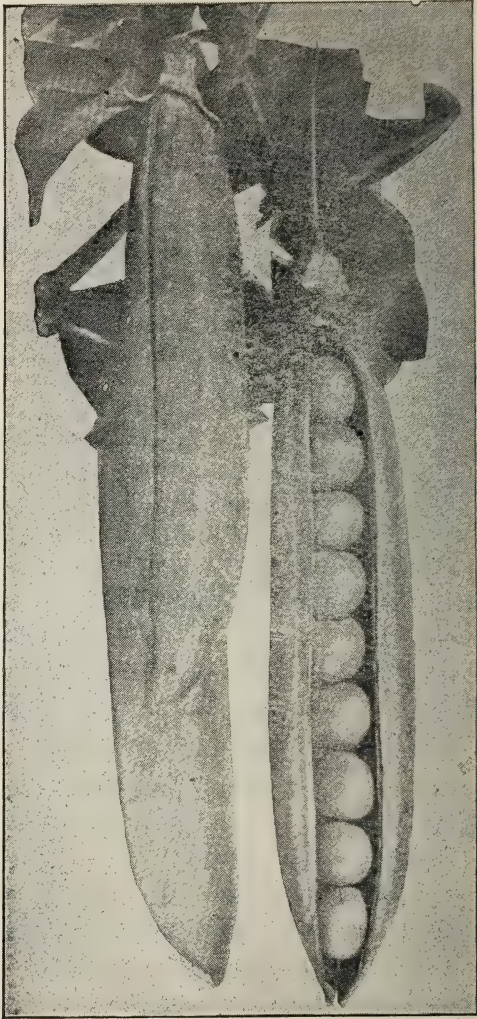
A new variety, and is, without exception, the largest podded and best yielding pea yet introduced. The pods sometimes measure six inches and are very plump and well filled with eleven to twelve very tender, large peas of excellent flavor. The foliage, vine and pod are of a dark, rich

green, and are remarkably vigorous and healthy; height about three and one-half feet.....

**Dark Podded Telephone.** This new variety is a great improvement on the Carter's Telephone, both for purity and uniformity, showing no tendency to small, late pods. It grows to a height of about four feet with a strong, healthy vine, bearing extremely large, dark green pods, which contain large peas of the very finest quality. For fancy market garden trade, it has no equal as it is not only very attractive in appearance, but of the finest quality.....

Qt.	Pk.	Bu.
.50	—	—

.50	—	—
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**Dark Podded Telephone Peas**

**Improved Telephone.** A wrinkled variety of superior quality. It produces an abundance of large, handsome pods, filled with immense peas which are tender, sweet and of excellent flavor; grows about three feet high.....Crop a Failure.

**Long Island Mammoth.** Also called **Telegraph.** A tall growing late sort, bearing very large handsome pods, well filled. The peas are large and not so wrinkled as many of the large, late varieties; of excellent quality and flavor.....

	Qt.	Pk.	Bu.
	.40	2.75	10.00

**Duke of Albany, or American Champion.** One of the best large podded late varieties. Very prolific. The vines are strong and vigorous, growing to the height of four feet, the pods are large, dark green and well filled with large, tender peas of delicious flavor.....

	.50	—	—
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**Improved Stratagem.** A dwarf wrinkled pea of branching habit. The pods are of immense size, very uniformly filled with very dark green peas of the finest quality; an immense cropper. Grows about two feet high.....

	.50	—	—
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**Champion of England.** Universally admitted to be one of the richest and best flavored peas grown; grows five feet high.....Crop a Failure.

**Yorkshire Hero.** A green wrinkled variety of branching habit; very productive and fine flavor; grows about two and one-half feet high .....

	Qt.	Pk.	Bu.
	.40	2.75	10.00

**Dwarf Champion.** Has all the good qualities of the Champion of England, but does not grow so high; grows about two and one-half feet high .....

	.40	—	—
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**White Marrowfat.** One of the best late varieties; very productive .....

	.20	1.25	4.00
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**Black-eyed Marrowfat.** An excellent field pea, hardy and productive .....

	.20	1.25	4.00
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**Canada Field.** Extensively used for field culture .....

	—	.75	2.50
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**Tall Gray Sugar.** A very superior variety of the edible pod sort. Pods very tender and sweet.....Crop a Failure.



**Duke of Albany Peas**



PEPPER



Bell Pepper

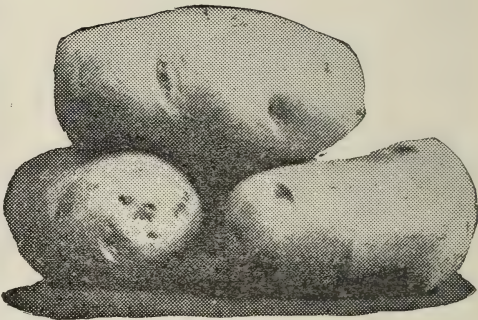
One ounce will produce fifteen hundred plants.

Grown largely for pickles. Sow in the hot-bed early in April, and transplant into the open ground when the weather is favorable. The plants should be set in warm, mellow soil, in rows eighteen inches apart. The seed may also be sown in the open ground, when danger from frost is past, and the soil is dry and warm. Cultivate in the usual manner and the crop will be fit for use early in September.

Large Bell. Large and of Pkt. Oz.  
mild flavor ..... 5 .30

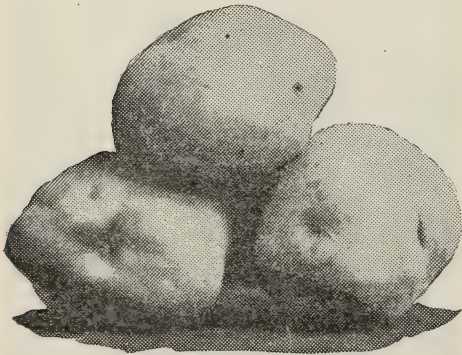
SEED POTATOES

**Early Dew Drop.** A very early variety and a very heavy cropper for an early potato. The tubers are snow white with very smooth, velvety skin and shallow eyes. No potato can surpass it in uniform and handsome appearance. They are very fine grained, white as flour and of splendid flavor. They are excellent keepers and retain their good eating qualities till late in the spring.....



Early Dew Drop Potatoes

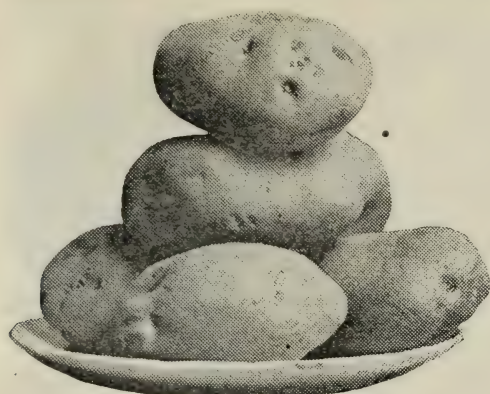
Bbl. of  
Pk. Bus. 165 lbs.  
..... .35 1.00 2.75



Irish Cobbler Potatoes

**Irish Cobbler.** We have found this potato to be one of the most reliable, extra early potatoes. In ripening it seems to be more uniform than any other sort. Every hill seems to ripen at the same time. The potatoes in form are oval and round. They grow very smooth, cream white, with few and shallow eyes. The quality for early table use is not excelled by any early variety. It keeps perfectly through the winter until planting time in the spring and it is never out of season for the

table. Considering its earliness, yield, fine quality and handsome appearance, Irish Cobbler is one of the best of all early potatoes..... Bbl. of  
Pk. Bus. 165 lbs.  
..... .35 1.00 2.75



**Harmony Beauty Potatoes**  
All grown in one hill, weight 5 3-4 lbs.

In appearance it has a russet, pinkish skin, a little lighter in color than the Early Rose, and is of more oval shape. Flesh white and mealy.....

	Bbls. of
Pk. Bus. 165 lbs.	
.35	1.00 2.75

**Green Mountain.** A late variety of flat, oval form; white skinned, very smooth and handsome. One of the best yielders, free from blight, and rot, keeps well, and is never out of season for the table.....

.35	1.00 2.75
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**Mills' Pride.** A new variety of potato grown by us for the first time last season. It has a white skin; very white flesh and is of oval, flat form. An immense cropper giving us the biggest yield last season of any potato we have ever grown. From seven bushels of seed planted on a little less than half an acre, rows three feet apart and hills twelve inches apart in the row, we harvested two hundred and four bushels of selected seed potatoes, with between twenty-five and thirty bushels of small potatoes and culls that were not fit to put into seed stock. It is a very vigorous grower with large, healthy tops that stand up well.....

.35	1.00 2.75
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**Gold Coin.** A very hardy, all around general crop potato. White skinned with slight russety appearance, flesh white and mealy. In form it is very regular, of a round, oval shape. As a table potato it cannot be excelled. Its yielding qualities are exceptionally large, being one of the heaviest



**Gold Coin Potatoes**

croppers we have ever grown. We consider this potato to be the best all around potato for general crop in cultivation.....

	Bbls. of
Pk. Bu. 165 lbs	
.35	1.00 2.75



**PUMPKIN**

One pound will plant two hundred and fifty hills.

Chiefly used for agricultural purposes. Same cultivation as for cucumbers and melons.

	Pkt.	Pt.	Qt.
<b>Large Yellow.</b> Large size, good for cooking .....	5	.15	.30
<b>Sugar.</b> Fine grained, sweet and prolific .....	5	.25	.80

**RADISH**

One ounce to one hundred feet of drill.

Radishes thrive best in a light, rich, sandy loam; heavy or clayey soils not only delay their maturity, but produce crops much inferior, both in appearance and flavor. For a successive supply, sow from the middle of March until September, at intervals of two or three weeks. For an early supply they may be sown in a hot-bed in February.

**Vick's Early Scarlet Globe Radish.** This is a slightly olive-shaped variety of a rich, bright scarlet color, with white, tender flesh. It is fit to pull as early as any known variety and is especially recommended, to market gardeners, whose market demands a large, first, early forcing variety .....

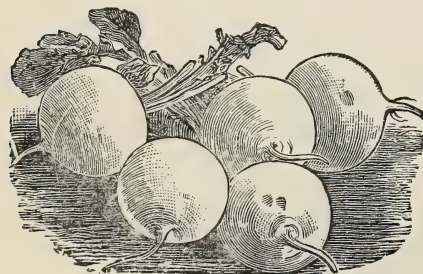
**Long Scarlet Short Top.** Very long and crisp.....

**Early Scarlet Turnip.** Round, scarlet, small, mild and crisp

**Icicle** Pure white, quick growing variety .....

**Lady Finger.** Long, slender, and of a beautiful snow white. It is of rapid growth, remarkably crisp, brittle and tender. Quality desirable for the market or home garden .....

Pkt.	Oz.	¼lb.	1b.
5	.15	.40	1.25
5	.10	.20	.60
5	.10	.25	.75
5	.10	.25	.75

**White Pearl Radish****White Pearl Radish.**

Seventeen days from planting to the table.

The quickest on record. Pearly white, globe shaped, small top; quality unparalleled; very sweet, tender and crisp. Equally adapted for forcing or growing out of doors.....

5	.20	.50	1.50
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**French Breakfast.** A favorite oval-shaped, bright scarlet Radish, with white tip; fine for either open ground or forcing .....

5	.10	.20	.60
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**SPINACH**

One ounce to one hundred feet of drill.

Sow in early spring, in drills a foot apart, every two weeks for a succession; and as it grows, thin out for use. For fall use, sow in August, and for winter crop in September. Cover that which is left out over winter with straw or leaves, after the weather becomes quite cold.

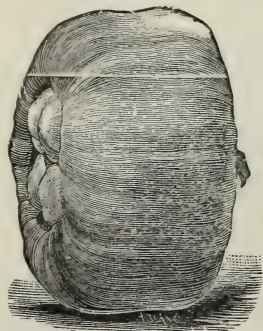
**Long Standing Spinach****Sugar Pumpkin**

<b>Victoria.</b> A new variety with very thick, dark green leaves, which spread out flat on the ground. It is a long-standing variety and very hardy.....	Pkt.	Oz.	$\frac{1}{4}$ lb.	1b.
	5	.10	.20	.50
<b>Large New Round Thick Leaved.</b> Has very large and thick leaves.....	5	.10	.15	.40
<b>Long Standing.</b> An improved round seeded strain of excellent merit, having all the good qualities of the ordinary sorts, and continuing in condition for use much longer. The leaves are smooth and very dark, rich green. Very popular with market gardeners .....	5	.10	.15	.40
<b>New Zealand.</b> This sort is grown to supply the place of the ordinary Spinach during the hottest months of the year or in dry, arid localities where the ordinary Spinach does badly. Has a luxuriant growth of succulent leaves which can be cut through the entire summer, .....	5	.10	.30	1.00

## SQUASH

One ounce of summer varieties will sow forty hills; one ounce of winter varieties will sow fifteen hills; four pounds per acre.

Any good rich soil is adapted to the growth of the Squash. They only thrive well in a warm temperature, as all the varieties are tender annuals; and the seed should not be sown in spring until all danger from the frost is past, and the ground is warm and thoroughly settled. The hills for bush varieties should be about six feet apart, for running sorts, ten feet. Leave two plants to a hill and keep covered in the early stages with plaster.



**Turban Squash**

<b>Summer Crookneck.</b> Early, productive and of good quality; fruit bright yellow.....	Pkt.	Oz.	$\frac{1}{4}$ lb.	1b.
	5	.10	.25	.75

<b>White Bush Scalloped.</b> An early flat, scalloped shaped variety; very productive.....	5	.10	.25	.75
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<b>Turban.</b> Early fall variety; orange-yellow flesh of good flavor .....	5	.15	.35	1.00
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<b>Hubbard.</b> One of the most desirable varieties in cultivation; color, dark green; flesh, bright orange-yellow; fine grained, very dry, sweet and rich flavored; keeps perfectly good throughout the winter.....	5	.10	.25	.90
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<b>Warted Hubbard.</b> An improvement over the old-fashioned Hubbard, same shape, large size, dark green, almost black, distinguished by a dense covering of knots which justifies the name of "warted." Very thick flesh, first-class quality and a good keeper .....	Pkt.	Oz.	$\frac{1}{4}$ lb.	1b.
	5	.10	.30	1.00



**Warted Hubbard**



**Boston Marrow.** A fall and winter variety, very popular in the Boston market; of oval form; skin thin; when ripe, bright orange; an excellent keeper and of superior quality

Pkt.	Oz.	¼lb.	1lb.
5	.10	.25	.80

**Early Prolific Marrow.** Earlier than the Boston Marrow.

Very productive and grows to weigh from seven to twenty pounds. Its color is most attractive, a brilliant orange red. Quality excellent when mature, and a good keeper,

5	.10	.25	.80
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**Delicious.** A new variety of winter squash, one of the best ever introduced. Color of skin is green, with an occasional blue specimen. About the same size as the Hubbard. Flesh very thick and of a dark orange color, very fine grain, exceedingly rich and of elegant flavor. It can be used for either fall or winter use, but does not acquire its best qualities until winter. It is without question the sweetest and richest flavored squash grown. Per pkt. 5 cents, per oz. 10 cents, per ¼-lb. 30 cents, per lb. \$1.00.



**Delicious Squash**

## SUNFLOWER

**Large Russian.** Per Pound, 15 cents

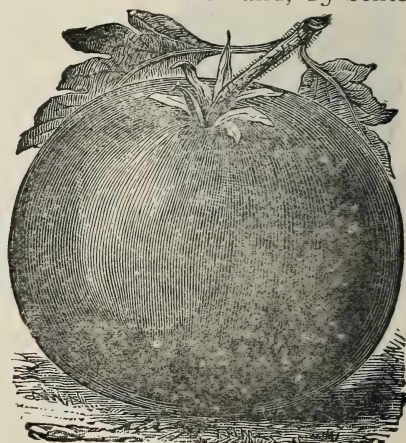
## TOBACCO SEED

**Connecticut Seed Leaf.** Best adapted to the climate of the northern states, as it is more hardy and endures the cold better than the tender varieties grown south.....

Pkt.	Oz.	¼lb.
5	.30	1.00

## TOMATO

One ounce will produce fifteen hundred plants. This vegetable is one of the most important of all garden products. They thrive best in a warm, light, rich soil. For early plants, sow about the first week in March in a hot-bed; or in boxes or pots in a warm window. When the plants are about two inches high, set out in boxes, three inches deep, four inches apart, in the same temperature, or pot singly. If again transplanted before setting out, the plants will be still more stocky. Set out in the open ground about the first of June, four feet apart each way, using a shovelful of rotted manure in each hill. Keep well sheltered and watered until they are established, after which let the fruit have plenty of sun.



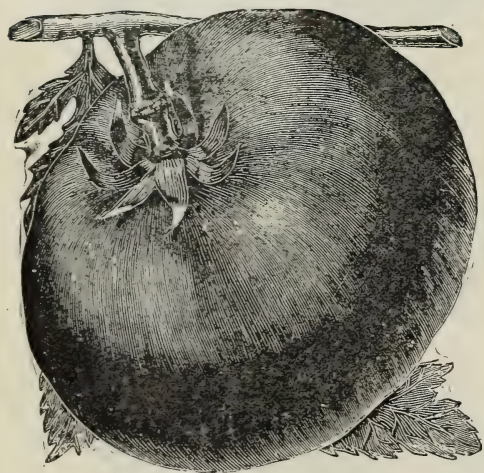
**Sparks' Earliana Tomato**

**Sparks' Earliana.** A new variety and the earliest large tomato yet introduced. It is of handsome shape and beautiful red color. The flesh is very firm and solid and of excellent quality. A good cropper, making it one of the best for the market and home garden.....

Pkt.	Oz.	¼lb.
.10	.35	1.00

**Early Freedom.** The plant is medium in size, presenting no peculiarities of foliage or habit. The fruit is borne mainly in clusters, perfectly round, having no sign of concave at the base. Of a bright, dazzling shade of scarlet. The flesh is

remarkably solid, having but few seeds. The flavor is perfect, absolutely free from any acidity. Undoubtedly the most prolific of all early tomatoes, and equal in size to the largest of any early sort put on the market .....	Pkt.	Oz.	½lb
<b>Livingston's Beauty.</b> Color, very glossy crimson; grows in clusters of four or five fruits; large and solid .....	5	.25	.75
<b>Livingston's Favorite.</b> Productive; good flavor; few seeds; flesh solid; smooth and handsome .....	5	.25	.75
<b>Livingston's Perfection.</b> Early, large, smooth and solid blood-red color .....	5	.20	.60
<b>Trophy.</b> Very large, solid and of fair quality .....	5	.25	.75
<b>Atlantic Prize.</b> This tomato is the result of many years' careful selection by one of the most successful tomato-growers of New Jersey. It is very early, fruit is of good size, round, very solid, and of excellent quality .....	5	.20	.60
<b>Dwarf Champion.</b> This is an early variety, which forms very stout, strong plants, about two feet high. The branches are short, making a bushy plant that stands quite erect without stakes. Fruit smooth, medium sized, fairly solid, but has no hard core, and is of good flavor .....	5	.25	.75

**Crimson Cushion Tomato**

<b>Crimson Cushion.</b> For so large a tomato it is very early, very smooth, of a bright, scarlet crimson. Ripens almost completely to the stem end. The flesh is so firm and solid that it requires four times the quantity to produce a pound of seed than it does of ordinary sorts. Without doubt the most prolific of any variety yet brought out. A grand tomato for slicing or canning .....	5	.25	.75
<b>New Stone.</b> Of a bright, scarlet color. Very large and very smooth; ripening evenly to the stem without a crack; exceedingly solid and firm-fleshed (as its name indicates); is an excellent shipper; quality the very best; a good keeper; without hard core and not subject to rot. A great yielder ..	5	.25	.75

**TURNIP**

One ounce for one hundred and fifty feet of drill; one to two pounds in drills for an acre.

Turnips do best in highly enriched light, sandy or gravelly soil; sow the earliest varieties as soon as the ground can be worked in the spring, in drills twelve to eighteen inches apart. For a continuous supply through the season, sowings should be made every two weeks until the last of July; from which time until the middle of August the principal sowings are made for the fall and winter use. Swedish or Ruta Baga Turnips are largely grown for a farm crop, as well as for the table; make sowings from the tenth of



June until the first of July, in drills two to three feet apart, and the plants when well up should be thinned to ten inches apart. To keep the roots fresh during the winter they may be placed in a cool, dry cellar and buried in dry sand.



Purple Top Strap Leaf Turnip

**Golden Ball or Orange Jelly.** A rapid grower of excellent flavor; bright yellow, good keeper, and a superior table variety .....

Pkt.	2 oz.	¼lb.	1lb.
5	.10	.20	.60

**Purple Top Strap Leaf.** Best variety for main crop; equally good for spring or fall sowings; white flesh.....

5	.10	.15	.50
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**White Egg.** Oval, early, handsome and sweet.....

5	.10	.15	.50
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**RUTA BAGA OR SWEDE  
TURNIP**

**Carter's Imperial Swede.** A most excellent sort for either table use or feeding stock. Flesh yellow, solid, sweet and rich. Purple top, hardy and heavy yielder .....

Pkt.	2 Oz.	¼lb.	1lb.
5	.10	.15	.50

**American Purple Top.** Flesh solid, yellow, sweet and of fine flavor. An excellent keeper for winter use, .....

5	.10	.20	.60
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**Skirving's Purple Top.** A very popular variety. Large, yellow, firm flesh, sweet and a good keeper..

5	.10	.20	.60
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Carter's Imperial Swede Ruta Baga

**HERB SEEDS**



Sage



Sweet Marjoram



Summer Savory

	Pkt.	Oz.		Pkt.	Oz.
Sweet Marjoram.....	5	.20	Summer Savory.....	5	.20
Sage .....	5	.20	Balm .....	5	.20

# FLOWER SEEDS

## NASTURTIUM—Tall

Elegant profuse flowering plants for verandas, trellises, etc. The seed pods can be gathered while green and tender, for pickling. Hardy annuals.

Pkt. Oz. lb.  
Tall Mixed. Fine colors.. 5 .10 1.00

## NASTURTIUM—Dwarf

The dwarf varieties are among our most popular plants, standing any amount of heat and drought, growing vigorously and flowering freely all summer and fall; excellent for massing



**Dwarf Nasturtium**

and ribboning, doing well even in poor soil. Hardy annuals, one foot.

Dwarf, Mixed. Fine Pkt. Oz. lb.  
colors ..... 5 .10 1.00

## SWEET PEAS

Very lovely, beautiful, fragrant, free blooming, climbing plants. Sweet peas are grown very extensively by florists and gardeners for cut flowers, and when placed in water will last many days, and their sweet perfume delights many.

Supported by common pea sticks they form admirable screens for protecting tender plants and excluding unsightly objects. They are invaluable for trailing and trellis work and covering fences, etc.

The more the flowers are cut, the more freely they will bloom.



	Pkt.	Oz.
America. Bright red, striped white.....	5	.10
Black Knight. Deep maroon.....	5	.10
Blanche Burpee. Large white.....	5	.10
Blanche Ferry. Pink standard; white petals.....	5	.10
Blushing Beauty. Soft pink suffused with lilac.....	5	.10
Butterfly. Standards and wings white, faintly suffused with lavender. Entire flower edged blue.....	5	.10



	Pkt.	Oz.
Captain of the Blues. Purplish mauve blue.....	5	.10
Captivation. Beautiful claret color.....	5	.10
Carmine Invincible. Brightest crimson.....	5	.10
Chancellor. Bright shade of orange pink.....	5	.10
Coquette. Primrose yellow, shaded with lavender.....	5	.10
Countess Cadogan. Reddish mauve, standard and wings, violet...	5	.10
Countess of Radnor. Delicate lavender.....	5	.10
Crown Jewel. Creamy white, veined with violet rose.....	5	.10
Delight. White, crested with crimson.....	5	.10
Duchess of Sutherland. Pearl white, suffused with light pink.....	5	.10
Emily Henderson. A distinct and valuable white variety.....	5	.10
Firefly. Very bright and intense crimson-scarlet of good size and form.....	5	.10
Gaiety. White, with rosy-pink stripes; flowers large.....	5	.10
Golden Rose. Primrose, lightly striped and mottled with light pink	5	.10
Indigo King. Very dark purple and indigo.....	5	.10
Imperial Blue. Bright blue.....	5	.10
Mikado. Cerise ground, striped white.....	5	.10
Mrs. Dugdale. A beautiful deep rose.....	5	.10
Mrs. Eckford. Primrose yellow.....	5	.10
Mrs. Jos. Chamberlain. White, flaked with bright rose.....	5	.10
Mrs. Sankey. The purest white, the most perfect form, the largest size and a most profuse bloomer.....	5	.10
Pink Friar. Carmine rose, suffused on silver white.....	5	.10
Princess Beatrice. Delicate blush pink, marked with deeper shades,	5	.10
Purple Prince. Maroon, shaded with bronze purple, wings blue...	5	.10
Senator. Large flower, shaded and striped chocolate on creamy ground.....	5	.10
Splendor. Coppery crimson suffused with rosy-pink. Very rich..	5	.10
Vesuvius. Crimson rose, shaded to velvety violet.....	5	.10
Wawona. Heliotrope, striped white.....	5	.10

**Dunning's Choice Mixed Sweet Peas.** This mixture is made up entirely of the choice new and standard varieties. These varieties are all grown separately and are selected and mixed in such variety and proportions as to give a mixture that is second to none.

Price per pkt., 5 cts. Per oz., 10 cts. Per  $\frac{1}{4}$  lb., 25 cts. Per lb., 75 cts.

## English Lawn Fertilizer

**An Odorless Chemical Fertilizer For Lawns, Flower Beds and Kitchen Gardens.**

This is a high-grade chemical fertilizer, especially prepared to promote the vigorous and healthy growth of luxuriant grass, enabling it to withstand rough usage and the protracted heat of summer.

Being free from weed seeds, and odorless, it is far superior to unsightly and strong smelling stable dressing for use on lawns and tennis courts.

Ten pound bags for 1,000 square feet .....	\$ .50
Twenty-five pound bags for 2,500 square feet .....	\$1.00
Fifty pound bags for 5,000 square feet .....	\$1.50
One hundred pound bags for $\frac{1}{4}$ acre. ....	\$2.50

**VEGETABLE PLANTS AND ROOTS**

	Per Doz.	Per 100
Asparagus Roots. Strong two-year-old roots.....	\$ .25	\$1.50

**CABBAGE PLANTS****Ready May 15th**

	Per 25	Per 50	Per 100	Per 1000
Early Summer.....	\$ .25	\$ .40	\$ .75	\$7.00
Early Jersey Wakefield	.25	.40	.75	7.00
Fottler's Brunswick...	.25	.40	.75	7.00
All Seasons.....	.25	.40	.75	7.00

**Cabbage Plants—For Winter Crop****Ready June 15th**

	Per 25	Per 50	Per 100	Per 1000
All Seasons.....	\$ .20	\$ .35	\$ .60	\$5.00
Autumn King.....	.20	.35	.60	5.00
Fottler's Brunswick.	.20	.35	.60	5.00
Stone Mason.....	.20	.35	.60	5.00

Our Cabbage plants are in packages of 25, 50 and 100.

**CAULIFLOWER PLANTS****Ready May 15th**

Early Favorite.....	Per Doz. 20 cts.	Per 100, \$1.25
Henderson's Early Snowball.....	Per Doz. 20 cts.	Per 100, \$1.25

Put up in bunches of 12, 25 and 100.

**CELERY PLANTS****Ready June 1st**

	Per 25	Per 50	Per 100
Golden Self Bleaching.....	\$ .35	\$ .60	\$1.00
Boston Market.....	.35	.60	1.00
White Plume.....	.35	.60	1.00

Put up in boxes of 25, 50 and 100. Prices on larger lots quoted on application.

**PEPPER PLANTS****Ready June 1st**

Large Bell or Bull Nose.....	Per Doz., 25 cents
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**TOMATO PLANTS****Ready May 20th**

Sparks' Earliana,  
New Stone,  
Early Freedom,

Dwarf Champion,  
Crimson Cushion,  
Livingston's Beauty,

Put up one dozen in a box.....	Price per box, 30 cents
Put up in bunches of 50 and 100.....	Price, \$2.00 per 100

**RHUBARB ROOTS**

Linnaeus, two-year-old roots.....	Per Doz., \$1.50
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**BEDDING PLANTS—Seedlings****Ready June 1st**

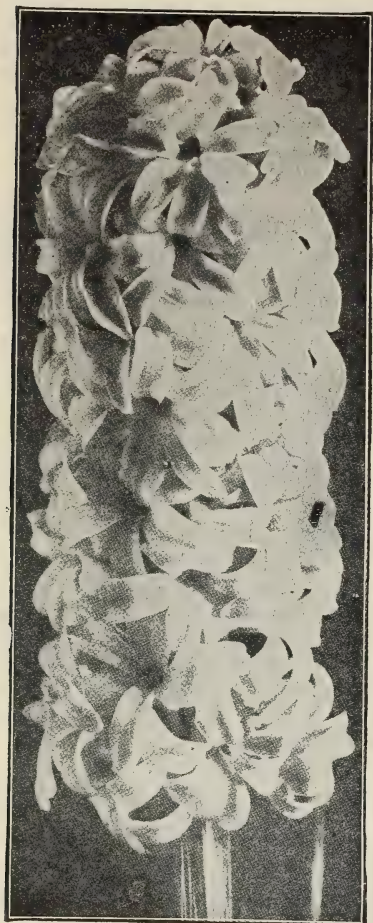
	Per Doz.		Per Doz.
Asters.....	\$ .25	Dianthus Pinks.....	\$ .25
English Daisies.....	.25	Ten Weeks' Stocks.....	.25
Pansies—per basket, 25c.....	.40	Verbenas.....	.25
Pinks.....	.25	Zinnias.....	.25

**GERANIUMS**

Choice mixed varieties, from 2½-inch pots.....	\$1.00 per doz
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*Plants on this page sent by Express or Freight only*



**Single Hyacinth**

**Single Tulips.** Extra fine mixed colors. Price, 3 cents each; 25 cents per dozen; \$1.75 per 100.

**Double Tulips.** Extra fine mixed colors. Price, 3 cents each; 30 cents per dozen; \$2.00 per 100.

## BULBS

### FOR AUTUMN PLANTING

**Ready for Shipment about September First**

**Garden Culture.** Bulbs may be planted from the first of October up to the time the ground freezes, in any good, well-drained, garden soil, which has previously been well enriched and dug to a depth of from 12 to 15 inches. Before the ground freezes, cover the beds with material such as leaves, straw, boughs, etc., to a depth of 4 inches. Do not uncover too early in the spring.

### HYACINTHS

One of the most popular bulbs for effective beds outdoors or grown in the house in pots. Bulbs should be set 6 inches apart and 6 inches deep.

#### Single Varieties.

Red, Rose, White, Light Blue, Dark Blue. Prices in separate colors, 8 cents each; 80 cents per dozen; \$6.50 per 100.

#### Double Varieties.

Red, Rose, White, Light Blue, Dark Blue. Prices in separate colors, 8 cents each; 80 cents per dozen; \$6.50 per 100.

### TULIPS

No other flower excels the Tulip in beauty of form, brilliancy of color, effective bedding and gorgeous show. They are equally as desirable for bedding or pot culture indoors. Bulbs should be set 6 inches apart and 4½ inches deep.

### NARCISSUS

Popularly called "Jonquils" or "Daffodils." Next to the Tulip the Narcissus is the most popular spring flowering bulb. They will grow in any ordinary garden soil and in almost any situation. Very desirable for pot culture as well as outdoor culture. For outdoor culture bulbs should be planted 4 to 5 inches deep and 4 to 6 inches apart.

**Poeticus.** Single white. Price, 3 cts. each; 25 cts. per doz.; \$1.50 per 100.

**Emperor.** Single yellow. Price, 5 cts. each; 45 cts. per doz.; \$3.00 per 100.

**Poeticus.** Double white. Price, 3 cts. each; 30 cts. per doz.; \$1.60 per 100.

**Von Sion.** Double yellow. Price, 5 cts. each; 50 cts. per doz.; \$3.25 per 100.

### CROCUSES

One of the first to blossom in the spring, lifting its head almost before the snow has disappeared. Blooming at a time where the ground is destitute of

foliage, it is a welcome visitor. The crocus succeeds well when grown in pots for indoor culture as well as for borders and beds for outdoor culture, may also be grown in water with a little sand in any shallow dish or plate.

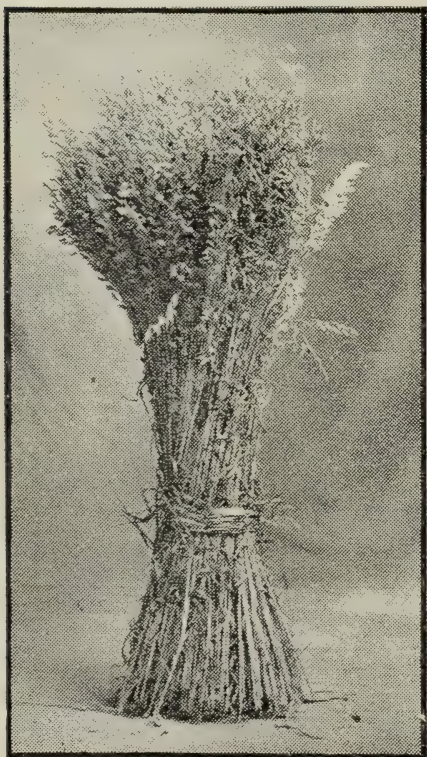
Plant in the open ground 2 inches deep and 2 inches apart.

Mont Blanc. Pure white.....	} Price 2 cents each; 15 cents per dozen; \$1.00 per 100.
Sir Walter Scott. White, penciled lilac ....	
Purpurea Grandiflora. Dark blue.....	
Albion. Dark violet, striped white.....	
Cloth of Gold. Golden yellow, striped maroon }	

### CHINESE SACRED LILY

The flowers are of a satiny white color with very fragrant golden yellow cups. Usually used for indoor culture, grown in bowls or dishes of water. Put an inch or two of sand or gravel in the dish in which they are to be grown, set the bulbs on this and put enough gravel or shells around them to keep them from falling over; fill the dish with water and keep in any ordinary living room.

Price, extra large bulbs, 10 cents each; \$1.00 per dozen.



**White Victor Oats**

are inclined to lodge, and are free from rust and smut.

Price: Postpaid, lb., 20 cts.; 3 lbs., 50 cts. By Express or Freight, pk., 35 cts.; bu., \$1.00; 10 bu. lots, 90 cts. per bu. In lots of one bushel or over, there will be a charge of 20 cts. for bags; bags capable of holding 2½ bushels.

### WHITE VICTOR OATS

This is one of the most productive varieties of oats ever introduced. The straw is very stiff holding the heavy head up well. It is early and the grains are large, plump and heavy. Plant grows to medium height, of vigorous growth, stools out well and yields an immense crop. They are pure white in color and are entirely free from rust and smut.

A change of seed oats is very necessary to a good crop. In making the change why not get seed of this choice new variety that will insure you an extra large crop.

Price: Postpaid, lb., 20 cts.; 3 lbs., 50 cts. By Express or Freight, pk., 35 cts.; bu., \$1.00; 10 bu. lots, 90 cts. per bu. In lots of one bushel or over, there will be a charge of 20 cts. for bags; bags capable of holding 2½ bushels.

### EARLY PEARL OATS

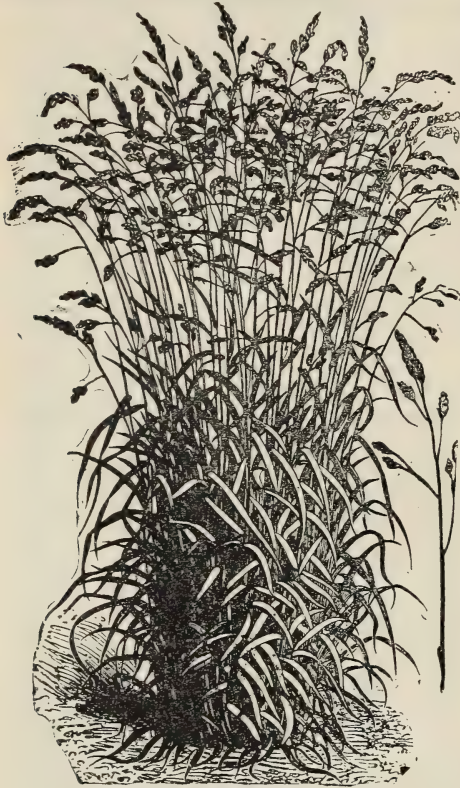
This is a grand, good oat, the result of years of careful growth and selection. In appearance they are white, medium and very full meated. Heads are large and straw stout, not in-



## EXTRA SELECTED FARM SEEDS

At market prices at time order is received. All inquiries for quotations will be promptly answered.

### GRASS SEEDS



Orchard Grass

**Timothy or Herd's Grass.** The best grass for hay; 45 lbs. to the bushel.

**Fancy Red Top.** Clear seed. A valuable grass and extensively cultivated: 40 lbs. to the measured bushel.

**Rhode Island Bent.** Very fine lawn grass; 10 lbs. to the bushel.

**Orchard Grass.** Valuable on all dry soils, very valuable as a pasture grass; 14 lbs. to the bushel.

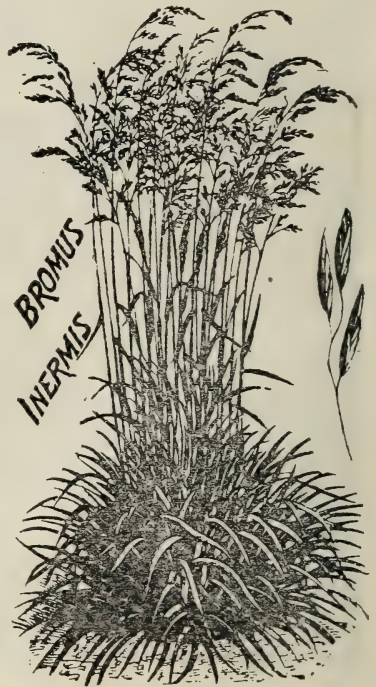
**Canada Blue Grass.** A very hardy variety of Blue Grass. Excellent for pasture and especially adapted to dry, sandy, thin soils. Does not make as fine a sod as the Kentucky Blue Grass, but will stand rougher usage; 14 lbs. to the bushel.

**Kentucky Blue Grass.** An excellent variety for pasture. Also valuable for lawns when mixed with other grasses; 14 lbs. to the bushel.

### Awnless Brome Grass—(*Bromus Inermis*)

An erect growing perennial that attains a height of from three to five feet.

It is especially recommended for dry and arid soils where the more delicate grasses will not grow. Its remarkable drought resisting qualities make it very valuable for dry situations, while its extreme hardiness enables it to withstand our coldest winters without serious injury. The rootstalks of this variety spread rapidly under ground, sending up new shoots, and thus form a close, dense sod. On this account it should not be sown except where a permanent grass crop is desired; 20 lbs. to the bushel.



### MILLETS

Millets should be sown in June and July, and are annual forage plants of thick growth, valuable for green fodder or hay, maturing in fifty to seven-



Hungarian Grass

ty-five days from the time the seed germinates, producing an abundant yield of forage, relished by all kinds of stock. They must be cut while in blossom to make good hay. At market prices at time order is received. All inquiries for quotations will be promptly answered.

**Hungarian Grass.** Early; grows two to three feet high; abundant foliage; withstands drought and yields well on light soils; 48 lbs. to the bushel.

**Golden Millet.** Requires a dry, light, rich soil, and grows two and a half to four feet high, with a fine bulk of stalks and leaves, and is excellent for foraging; 48 lbs. to the bushel.

**New Siberian Millet.** A new and wonderfully productive forage plant from Russia, which has given excellent results in the United States. It is extremely hardy and about two weeks earlier than German Millet, growing about four feet in height. Its stooling properties are remarkable, as high as 41 stalks having been grown from a single seed. Hay and fodder are very nutritious and much liked by all kinds of stock. Sow in June and July, one peck to the acre; 48 lbs. to the bushel.

## CLOVERS

Prices subject to market changes.

There are no plants so valuable for fertilizers as the clovers. They have the faculty for absorbing nitrogen from the air, and also of rendering available much of the inert plant food of the soil. Their long, powerful tap roots penetrate to a great depth, loosen the soil, admit air, and by their decay add immensely to the fertility of the soil. The seed may be sown in fall or spring; the best results will come from sowing in the spring, and is often sown on the late snows of April.

**Medium Red Clover.** Pea Vine or Mammoth Clover. Alsike Clover.

**White Dutch Clover.** Valuable for pasture and for lawns.

**Scarlet or Crimson Clover.** This variety is an annual clover and should be sown each year, is fine for soiling cattle; has a beautiful crimson blossom.

**Alfalfa or Lucerne Clover.** Very productive; requires deep soil.



Alfalfa



**DWARF ESSEX RAPE**

This is very valuable for sheep pasture. It can be sown in May, and will be ready for pasturing in July or August; or it may be sown in June or even up to the middle of July, and yet furnish, under reasonably favorable circumstances, a large amount of pasture and fodder. It is very suitable for sowing on land that an early crop of potatoes has been taken off. In drills, about four pounds to the acre; broadcast, eight pounds to the acre. Pound, 10 cts.; 12 pounds for \$1.00.

**COW OR SOUTHERN PEAS****Soja or Soy Beans**

Cow Peas are also valuable as a forage crop. **Black Eye.** Seed creamy white, with a large black eye. A prolific vine grower.

**Whip-poor-will.** Seeds are good size, speckled brown in color. A prolific bunch growing variety.

At market prices time order is received.

**SOJA OR SOY BEAN**

Very valuable for fertilizing and enriching the soil; also used for pasturing, feeding as green fodder, and for silo purposes. Sow broadcast in May or June, at the rate of one bushel to the acre, or they may be planted in drills three feet apart and one foot between plants.

At market prices time order is received.

**SAND, OR WINTER VETCH**

One of the pea vine class of plants. Better than other fodder crops on poor, dry, sandy soil, while in good soil it makes a rank growth of four to five feet. Perfectly hardy all over the United States, stands drought well and remains green all winter. It is the chief of all spring fodder crops. Sow for spring use in August with 1-2 bushel of winter rye or oats, or in spring with 1-2

The great soil improver. Green crops plowed under are one of the best and cheapest ways of improving the soil. For this purpose the Cow Peas are the most popular, especially for medium and light soil. They should be sown the last of May or in June, at the rate of one and one-half bushels to the acre, and plowed under as soon as they have attained their growth. There is no surer or cheaper means of improving poor soil than by sowing Cow Peas. In its capacity as a nitrogen gatherer, its growth largely enables the farmer to dispense with the use of nitrogen or ammoniated fertilizers.

**Sand or Winter Vetch**

bushel of oats, rye or barley. It is exceedingly nutritious, eaten with relish, and may be fed with safety to all kinds of stock. Sow at the rate of one bushel per acre.

At market prices time order is received. All inquiries for quotations will be promptly answered.



Japanese Barnyard Millet

## GRAINS

Prices subject to market changes. All inquiries for quotations will be promptly answered.

Wheat, Spring Rye, Winter Rye, Barley, Oats, Silver Hull Buckwheat, Common Buckwheat, Indian Wheat or Rough Hulled Buckwheat, White Hulless Barley.

All our grains are selected expressly for seed, and are strictly pure and true.

All inquiries for quotations for grass seeds, grains, etc., will be promptly answered and samples sent by mail when desired.

## JAPANESE BARNYARD MILLET

This wonderful and valuable new forage plant was introduced into this country by Prof. Brooks, of the Massachusetts Agricultural Experiment Station. It has proven an enormous yielder in all sections of the United States; hay and fodder of most excellent quality on any soil, yielding 8 to 10 tons per acre and growing from 5 to 7 feet in height.

Cattle and horses eat it greedily.

Sow in May and June broadcast, 10 to 15 lbs. per acre (it stools remarkably), or in drills, 8 lbs. per acre.

Price, per pound, 8c.

Per 14 pounds, \$1.00.

If sent by mail, add 8 cents per pound for postage.

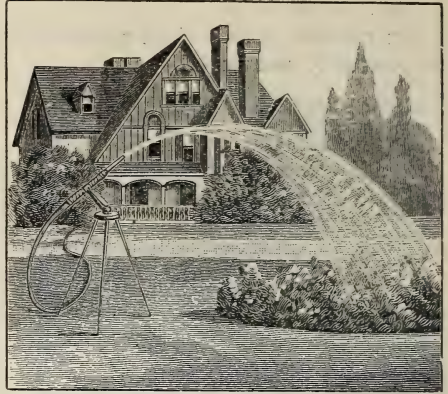


White Hulless Barley



## Dunning's Lawn Grass Seed

This is a mixture of the different varieties of grass seed, which is best suited to this climate for lawns, grass plots, cemetery lots, etc., and selected with a view of suiting all soils and situations, and whether used in pastures or lawns, has invariably produced the best results. It must be remembered, however, that much of the fine appearance of our lawns depends upon regularity in mowing. If they are left too long in spring before the operation is begun, or if allowed to grow strong in summer, and, more especially, if not closely mown at the latest period in autumn, they become coarse, the stronger grass overgrowing the weaker and the best, the smoothness of the surface being destroyed, and ultimately the whole becoming patchy and unsightly. All lawns should also be regularly rolled and, unless the subsoil be a porous, alluvial gravel, should also be thoroughly drained at their formation. A drain should be carried along at



Specimen plants characteristic of uninoculated and inoculated field of Alfalfa, on farm near Bynum, Hartford County, Maryland. The uninoculated plants turning yellow, though sown on ground richer and better than the inoculated field. Gain from inoculation with Nitro-Culture nearly 500 per cent. by weight.

the bottom of each terrace slope, so that they may at all times be comfortable to walk upon. The seed may be sown in spring or fall, but, if sown in hot weather, a slight sowing of oats, which vegetates quickly among the grass, will serve to protect the springing grass. For forming new lawns, four bushels are required per acre, or about one quart to each square rod of land, which should be regularly and evenly distributed.

A liberal quantity of seed should always be used to insure the best results. Per pound, 25 cents. If sent by mail, add eight cents per pound for postage.

Per bushel of 20 lbs., by Freight or Express, \$4.50.  
For English Lawn Fertilizer, see page 32.

## NITRO-CULTURE

Supply Nitrogen to the soil by the use of  
**Nitro-Culture**

It is well known that nitrogen is the most expensive of fertilizing elements. Plants need nitrogen and cannot grow without it.

Nitro-Culture will supply legumes with nitrogen, thereby insuring a good crop.

Send for catalogue of Nitro-Culture, which more fully describes this wonderful discovery.

### Price List

**Trial Packages, 50 cents**

**1 to 1 1-2 acre Packages, \$1.50**

**5 to 7 acre Packages, \$5.00**

Mailed to any address in the United States or Canada at the above prices.

When ordering, state what particular crop you desire to inoculate.

Alfalfa or Lucerne, Red, Yellow, or Mammoth Clover, Alsike or White Clover, Crimson Clover, Burr Clover, Cow, Clay, Whip-O-Will, Black Eye Peas, Garden Peas, Garden Beans, (Wax, String, Lima, Pea or Kidney), Soy Beans, Velvet Beans, Vetch, Field Peas, Sweet Peas.

### Special Garden Packages

By mail postpaid: Sweet Peas, 25c. Garden Beans, 25c. Garden Peas, 25c.



## For All General Farming

are, without doubt, the best fertilizers in the world for producing the largest possible crops of Grass, Grain and Vegetables in the shortest time. The Bradley Fertilizer Co. manufacture fertilizers of **all Grades** and for **all Crops** and being the **largest manufacturers in the world** their facilities for furnishing all kinds of fertilizers and agricultural chemicals at the lowest prices are absolutely unequalled.

A full stock of the following standard fertilizers constantly on hand:

**Bradley's X L Superphosphate**

**Bradley's Potato Fertilizer**

**Bradley's Potato Manure**

**Bradley's Corn Phosphate**

**Bradley's Eureka Seeding-Down Manure**

**Bradley's Complete Manure with 10% Potash**

**Bradley's Complete Manure for Potatoes and Vegetables**

For Lawn Fertilizer. (See page 32).

Send to us for finely illustrated pamphlets, describing all of their brands, and let us quote you prices on these unequalled fertilizers, before purchasing elsewhere.

## Agricultural Lime

Especially prepared for agricultural purposes, and, being finely ground, it can be used in any broadcast sower.

Many plants, such as beets, spinach, lettuce, onions, parsnips, cabbages, cucumbers, peas, beans, turnips, carrots, corn and all grains, show a decided increase and are greatly benefited by the use of lime, as it corrects all acidity of the soil, sweetening it, and freeing it from impurities.

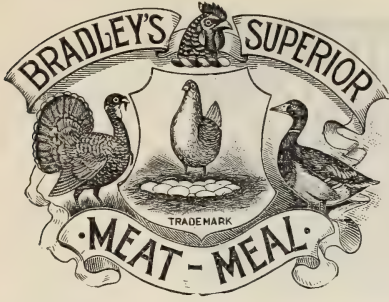
Lime properly applied at certain intervals will be found a most perfect renovator, one that can be relied upon. For the ordinary piece of land that requires lime it will be found that once in the rotation of crops, or, say once in four years, is as often as lime should be applied. It will hold the land in its proper condition for that length of time.

Put up in 100-pound bags.

Price per ton.....\$10.00

Send for Illustrated Catalogue.





## Bradley's Superior Meat Meal

Is beyond question the best food ever manufactured for Hens, Turkeys and Ducks. Its continual use by the largest Poultry Raisers proves it is unequalled for quickly growing large-sized birds of fine flavor, and for producing large yields of superior quality eggs.

### PRICES

100 lb. bags,	Free on board cars in Bangor.....\$2.50
50 lb. bags,	Free on board cars in Bangor.....\$1.25
25 lb. bags, (trial size),	Free on board cars in Bangor.....\$ .75

## Mica Crystal Grit

For Poultry,  
Pigeons,  
Chickens,  
Ducks, Geese,  
Turkeys and  
Birds

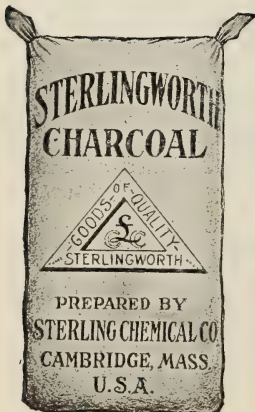


In  
Coarse  
and Mixed  
Sizes

The only Grit containing the elements essential to the good health and egg-producing qualities of the feathered tribe.

PRICE: 100 lb. Bag, 75 Cents

## Sterlingworth Poultry Charcoal



### PREPARED ESPECIALLY FOR POULTRYMEN

We have had this Charcoal put up for us to meet the demand for an evenly graded charcoal, free from dust and useless dirt, and offer it as the best Poultry Charcoal manufactured.

This Charcoal should not be confounded with the ordinary commercial charcoal which is not evenly graded, generally contains large quantities of dust and is not always free from dangerous poisons.

Charcoal aids digestion, promotes health, and is generally corrective of many of the poultry ills to which fowls are heir. A little charcoal goes a long way and is worth its weight in gold. No poultryman can afford to be without it. It is put up in three sizes—Fine: For Brooder Chicks, Dry Chick Mixtures and Mash Foods. Medium: For Half Grown Fowls, Pigeons, etc. Coarse: For Full Grown Fowls, Geese, Turkeys, etc.

Prices: Packed in two-pound cartons printed with directions for feeding, 15 cents each. Put up in 50-pound sacks, \$1.00 each.

# Standard Cyphers Insurable Incubators and Brooders



FOR 1911 we offer our customers the Cyphers Company's complete line of incubators and brooders—**THE BEST ON THE MARKET.** For years the Cyphers Incubator has been consistently improved, always **MAINTAINING ITS LEADERSHIP**, until today it represents all that is most **EFFICIENT, CONVENIENT** and **RELIABLE** in incubator construction.

**TO OWN A CYPHERS** is to have an incubator that stands **FIRST**, not only because it has affixed to it the fire insurance label granted by the National Board of Fire Underwriters and

bears a world-wide reputation, but because of the **WELL ESTABLISHED FACT** that it is **THE BEST HATCHER** of large, vigorous, livable chicks.

**THE PRINCIPLES OF CONSTRUCTION** that have made Cyphers Incubators "the world's standard hatchers" for the last twelve to fifteen years **REMAIN UNCHANGED** in the 1911 pattern. Their patented features, their entire freedom from the bothers, disappointments and losses common to the "Cheap" or "Bargain" incubator, make these high-class machines the best for you to own **FIRST, LAST AND ALL THE TIME.**

**CYPHERS INCUBATORS** have now been on the market **FIFTEEN YEARS** and today are used by more Government Experiment Stations, on more large, practical poultry plants, on more successful duck and egg farms and by a larger number of foremost poultry breeders **THAN ALL OTHER MAKES COMBINED.**

## PRICES

Free on Board Cars, Bangor, Me., at Factory Prices.

No. 0, 70 Egg Size.....	\$15.00	No. 2, 244 Egg Size.....	\$32.00
No. 1, 144 Egg Size.....	\$22.00	No. 3, 390 Egg Size.....	\$38.00

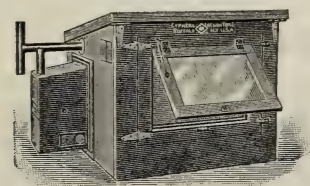
Send for Catalogue.

## CYPHERS BROODERS FOR 1911

### Fire-Proofed and Insurable

Complete line for outdoor and indoor use. Employ top-heat and are self-ventilating and self-regulating. Are built on colony house plan (except indoor type); are substantially made, are fire-proofed, and every one bears the fire insurance underwriters' "Inspected Brooder" label.

## THE CYPHERS STYLE A 1911 OUTDOOR BROODER



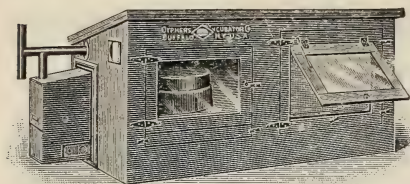
self-regulating.

This was formerly known as the Storm King, is better made than its predecessor and is recommended for use of poultry raisers who feel that they do not wish to invest in the larger sized and more costly three-apartment outdoor brooders. This brooder is equipped with the Cyphers Fire-Proof Brooder Heater and Standard Adaptable Hover. It employs top-heat exclusively, thus giving the chicks free use of all space underneath the hover. It is self-ventilating and

Price: Style A 1911 Outdoor Brooder .....\$12.50

Send for Catalogue of Cyphers Incubators and Brooders.





## CYPHERS STYLE B 1911 OUTDOOR BROODER

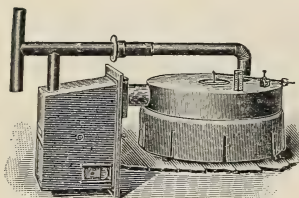
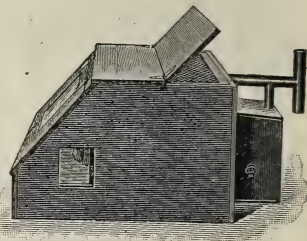
This was formerly known as Style A. Is a three-apartment brooder, and has the same style of heater as the Style A 1911 Brooder and is twice as large.

Price: Style B 1911 Outdoor Brooder. \$16.50.

## CYPHERS STYLE D 1911 INDOOR BROODER

This brooder is designed to be used in dwellings, stables, poultry houses, etc. Is practically the same in all respects as the Style A 1911 Outdoor type, except that it is of more convenient shape for indoor use.

Price: Style D 1911 Indoor Brooder.....\$11.50



**Adaptable Hover**

Price: Cyphers Adaptable Hover.....\$8.50

## CYPHERS ADAPTABLE HOVER

IN ADDITION to this unequaled line of brooders, we offer separately the Cyphers Company's world's challenge ADAPTABLE HOVER. This machinery-made, all-metal, guaranteed fire-proof heating and brooding device is SUITABLE TO BE USED ANYWHERE that heat is required for brooding chicks or ducklings. It can be used in a roosting coop, colony house, shed, hen house, barn or other building with or without any additional enclosure for the chicks, or in a large goods case or organ or piano box.

## CYCLE HATCHERS AND BROODER-HATCHERS

The demand for a machine to hatch eggs, by supplying artificial heat to them, caused the invention of the Cycle Hatcher, for the purpose of making a practical, simple, durable and inexpensive hatcher.

THE CYCLE HATCHER is designed to take the place of the hen and the large clumsy incubators. The supply of heat in the Cycle Hatcher comes from the center and is radiated in all directions like the rays of the sun, carrying with it an abundant supply of fresh, heated air that is required to travel only six inches to reach every egg in the extreme portions of the nest. The heat is governed by a double wafer regulator that is placed so close to the eggs that it is sensitive to the natural heat of the growing embryo chick in the egg as well as the supplied heat from the lamp.

Price: Cycle Hatcher, capacity 50 eggs .....\$6.50



**Cycle Hatcher**



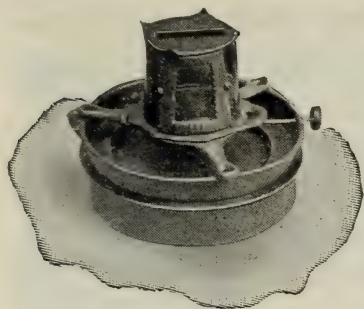
**Cycle Brooder-Hatcher**

## CYCLE BROODER-HATCHER

The Brooder-Hatcher is designed to do double duty and meet the requirements of all classes of poultry raisers, the one raising but a few chickens annually as well as the large breeders raising thousands. They have some advantages over our regular Hatchers for hatching, as they will stand a greater variation of temperature in the room in which they are operated, as the nest is protected by the brooder.

Price: Cycle Brooder-Hatcher, capacity 50 eggs....\$8.50.

Send for circular giving description of Cycle Hatchers and Cycle Brooder-Hatchers.



## CYPHERS SAFETY BROODER STOVE

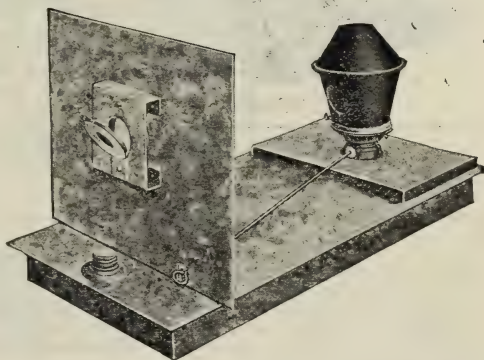
These stoves positively have no equal. They furnish twice as much heat as the ordinary brooder lamp. The safety water pan on the Cyphers Safety Brooder Stove holds nearly a quart of water and extends out over the entire surface of the oil bowl, removing all danger of overheating the oil. Just the stove for use in home-made brooders. Height, 7½ inches; greatest width, 10½ inches.

Price of stove complete and ready for use, \$1.75.

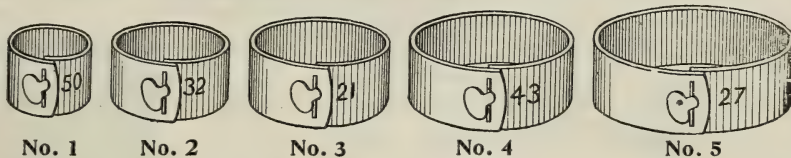
## CYPHERS INSULATED BROODER STOVE

For those desiring to buy brooder lamps, or stoves, we offer the Cyphers Improved Insulated Brooder stove. This new stove does away with the water jacket or reservoir required on brooder stoves usually sold for the purpose. The insulating plate of heavy galvanized iron is so placed between the burner and the oil bowl that all heat of the flame is deflected away from the oil reservoir, so that the oil remains cool at all times. The stove has a seamless bottom, hence will not leak.

Price, each.....\$1.75.



## THE ECLIPSE LEG BAND



No. 1

No. 2

No. 3

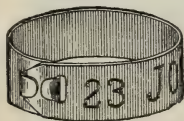
No. 4

No. 5

No. 1 for Bantams and small Mediterraneans. No. 2 for Mediterraneans. No. 3 for American females. No. 4 for American males, Asiatic females, small turkeys. No. 5 for Asiatic males and turkeys.

The band is light and neat and will stay on. They are so made that when properly adjusted they cannot come off. They are made from polished aluminum, and will not tarnish. Those who prefer a flat band will find them superior to anything on the market, while the price places them within the reach of everybody.

Prices: Postpaid, 15c per 12; 25c per 25; 45c per 50; 75c per 100.



## DOUBLE CLINCH LEG BANDS

Made in polished aluminum and are provided with a strong and secure fastener. Made in five sizes. See table of sizes given under Eclipse Leg Bands.

Prices: Postpaid, 15c per 12; 25c per 25; 45c per 50; 75c per 100.

## OVINAPHTHOL LICE KILLING NEST EGG

Our Ovinaphthol Lice Killing Nest Egg is a combined nest egg and lice killer. By simply using it in the nests in the same manner as an ordinary nest egg is used, laying hens are cleared of lice and mites and are able to occupy the nests with comfort. Being prepared with great care for this special purpose, they last a long time and always retain their effectiveness. The genuine nest eggs bear embossed on each egg the words, "Ovinaphthol Nest Egg."

Prices: Each, 10c; per dozen, 75c.





## Cyphers Dry Food Hopper and Sanitary Shell and Grit Box

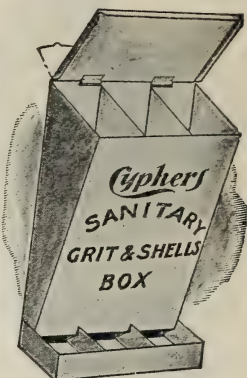


Price 75 Cents

These are made of heavy galvanized iron, practically indestructible and will last a life-time with ordinary usage. They are practical labor and food saving devices.

**THE DRY FOOD HOPPER** has two compartments—a large one for grain mixtures, holding about six quarts, and a small one for beef scrap, holding about three quarts.

**THE SANITARY GRIT AND SHELL BOX** has three compartments for grit, oyster shells and charcoal. Can be used for dry food hopper where a small flock is kept.

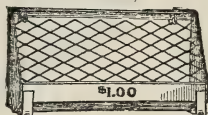


Price 50 Cents

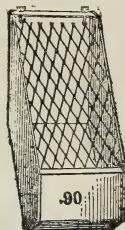
## "The Boston" Poultry Dry Feed Hopper

One of the most economical devices for feeding dry feed, beef scrap, etc.

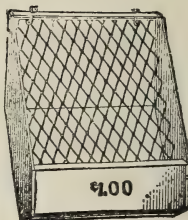
The Boston Hopper—all sizes—hangs against the wall or can be placed on the floor or ground. The swinging grid or metal guard prevents the fowls from wasting the food. The Hopper can readily be "locked" at night (or in the day time) by simply hooking the grid to the front section at the lower end—thus making the device rat-proof.



Chicken Size



Medium Size



Large Size

PRICES:

Large Size. For dry feed. Holds $\frac{1}{2}$ bushel.....	\$1.00
Medium Size. For scraps and grit. Holds $\frac{1}{4}$ bushel.....	\$.90
Chicken Size. Holds $\frac{1}{8}$ bushel.....	\$1.00

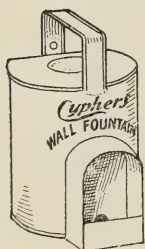
## Cyphers Galvanized Iron Drinking Fountains

One of the most important appliances for use in the poultry yard is a truly sanitary drinking vessel.

These fountains are made of the best galvanized iron and guaranteed to last many years with proper treatment.

### PRICES ON WALL FOUNTAINS

1 gallon, 50 cts. 2 gallons, 75 cts.

Cyphers  
Wall Fountain

### Cyphers Galvanized Iron Drinking Fountain PRICES

Small size, 1 quart.....	20 cts.
Medium size, 2 quarts.....	25 cts.
Large size, $3\frac{1}{2}$ quarts.....	35 cts.
Special Duck size, 2 gallons.....	50 cts.

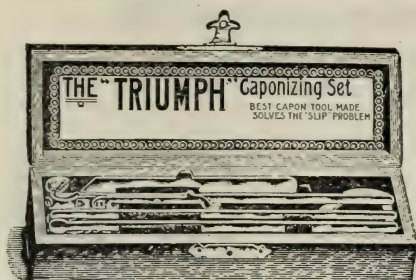
## Peerless Sanitary Drinking Fountain

The water is always pure, it is protected from dirt and filth. The fowls cannot injure their combs when drinking, easy to clean and fill, simple in construction, durable and practical. Made of heavy galvanized iron.

### PRICES

Large Size. Holds about 5 quarts .....	60 cents.
Small Size. Holds about 1 quart .....	35 cents.



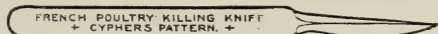


## THE TRIUMPH CAPONIZING SET

There is no doubt in the minds of up-to-date poultry men as to the advantages of caponizing. The operation is very simple. With a "Triumph Caponizing Set" anyone can perform it with safety and thoroughness.

Price, per set, in Japanned wood box..\$2.50.

## FRENCH POULTRY KILLING KNIFE



Every poultry raiser should have one of these killing knives. They are made of finely tempered instrument steel, with nickel handle; will last a lifetime.

Price, postpaid.....50 cents.

## TRIUMPH POULTRY MARKER



This is one of the simplest and most efficient poultry markers ever put on the market.

Price, postpaid .....25 cents.

## NAPCREOL

**A Concentrated Preventative of Disease, Guaranteed To Do the Work**

Napcreol is a highly concentrated, non-poisonous preparation which is made ready for immediate use by simply mixing with the required amount of water. ONE GALLON OF NAPCREOL WILL MAKE 100 GALLONS OF DISINFECTANT. It is invaluable for the disinfection of poultry houses, stables, dog kennels, toilets, sinks, cesspools, or any other place where a good germ and odor destroyer is needed.

### PRICES

One quart cans, \$ .50.

Half gal. cans, \$.85. Gal. cans, \$1.50.

## CYPHERS LICE PAINT

**A Safe and Sure Liquid for**

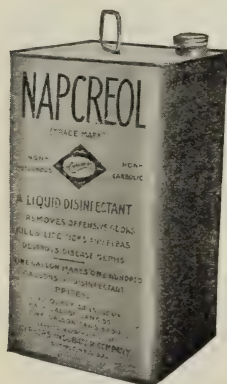
**Killing All Insects Affecting Poultry or Stock**

Cyphers Lice Paint is a liquid lice destroyer especially prepared for killing all insect parasites of poultry. It is also useful for killing all lice, mites and ticks affecting horses, cattle, sheep and hogs.

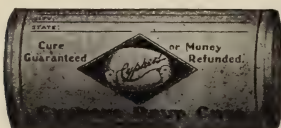
It is safe, and easy to use, and at the same time stronger than any other lice killer, as it is not diluted with cheap adulterations which would impair its effectiveness. It does the work and does it economically.

### PRICES

1 qt. can..\$.35. 2 qt. can..\$.60. 1 gal. can..\$1.00.







## CYPHERS ROUP CURE

This remedy is positively guaranteed by the manufacturers to cure roup in all its forms. It is simply put in water and the chick takes its own medicine. It prevents and cures cold and is unequaled for canker, especially in pigeons. No poultryman can afford to be without Cyphers Roup Cure.

### PRICES

Small sample size....25 cents.

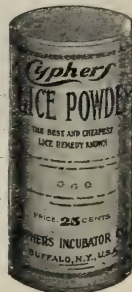
Medium size .....50 cents.

## CYPHERS LICE POWDER

In offering Cyphers Lice Powder we present a powder that we believe to be stronger than any other preparation sold for the purpose. It is carefully compounded and contains no chemicals that will injure the fertility of the eggs or prove dangerous to newly hatched chicks. It will positively kill lice on poultry, cattle and horses; ticks on sheep and fleas on dogs.

### PRICES

15 ounce package, 25c.....postpaid, 40c  
48 ounce package, 50c.....postpaid, \$1.00



## DUNNING'S LICE POWDER

This is a scientifically compounded powder for killing all forms of insect life on fowls, and is equally good for destroying lice on cattle and horses, ticks on sheep and fleas on dogs. It is different from many of the so-called Lice Powders on the market, inasmuch as instead of driving the lice from the fowl's body, it kills them. While it is sure death to all kinds of insect life generally afflicting fowls and animals, it is harmless when used according to the plainly printed directions on each package.

### PRICES

15 ounce package, 25c.....postpaid, 40c 48 ounce package, 50c.....postpaid, \$1.00

## STERLINGWORTH DIARRHOEA REMEDY

A certain and guaranteed remedy for bowel trouble and white diarrhoea in young chickens and scours in fowls and pigeons



A positive cure and preventive for White Diarrhoea seems too good to be true for this scourge has driven more poultrymen out of business than any other disease. Millions of chickens die yearly from this trouble which could be saved if Sterlingworth Diarrhoea Remedy was used. Poultrymen should not wait until their chickens become diseased, but should use it as a preventive. It does not stunt the chicks or cause them to stop growing, but aids

them to become strong and healthy. It is used in the drinking water. The chickens and fowl take their own medicine.

It is sold under a positive guarantee to give satisfaction or purchase price is refunded.

Each package contains sufficient remedy for treating several flocks. Full directions on each package.

Price, per box, sufficient for several flocks, 50 cents.

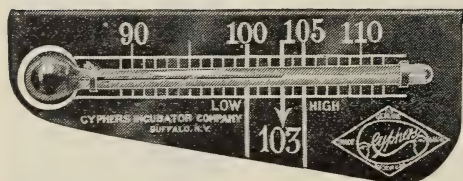
## CYPHERS INCUBATOR THERMOMETERS

These thermometers are thoroughly and expertly tested before leaving the factory.

Price, 60c each.

## CYPHERS BROODER THERMOMETERS

Price, 50c each.



## CYPHERS X-RAY EGG TESTER

Made of the best of block tin and designed to use on any hand lamp. Price, 25 cents each; by mail, postpaid, 35 cents, each.

## CYPHERS POULTRY FOODS

Owing to fluctuations in the grain market, it will be impossible for us to catalogue any prices on these goods. We shall have a good stock of them on hand and shall be pleased to quote prices at any time.



### CYPHERS CHICK FOOD

This is a complete, scientifically compounded food for young chicks. It is a mixture of 11 different grains and seeds proportioned so as to meet all the needs of growing chicks, and to thoroughly nourish them. In compounding Cyphers Chick Food, the protein (or flesh and muscle forming element) is maintained high, the carbo-hydrates (or fat and heat forming elements) are reduced to their proper proportion and the ash (or mineral elements) is in sufficient amount to supply the needs of the rapidly growing bird. If chicks are to be developed into breeders, no other food is required for the first eight weeks.

Put up in 100-lb. bags. Price furnished on application.

### Cyphers Developing Food

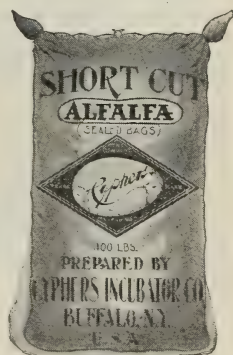
Cyphers Developing Food is a special food intended for properly maturing young chicks, after they are ready to be weaned from Chick Food, and to carry them along to the age when it is desirable to place before them the larger whole grains. When the chicks are from six to eight weeks old they are able to eat and exhibit a preference for larger particles of grain than are found in our Chick Food. Full directions for feeding are in every bag. Put up in 100-lb. sealed bags only, bearing manufacturer's trade-mark.

Prices furnished on application.

### Cyphers Mealed Alfalfa

This is the best form of clover for use in mash food for small chicks, the meal being ground just coarse enough to give bulk to an otherwise soggy mash, and thus allowing the gastric juices to become mixed with the food and to assist in thoroughly digesting it. Mealed clover contains the entire food plant—nothing is removed.

Put up in 50-lb. bags. Prices furnished on application.



### Cyphers Short Cut Alfalfa

Guaranteed 95 per cent. Pure Alfalfa. Alfalfa possesses from 14 to 17 per cent. protein. Protein is the most valuable and most expensive element in all foods.

Put up in 50-lb. bags. Prices furnished on application.



### Cyphers Forcing Food

The mash food specially designed to promote rapid growth. Put up in 100-lb. bags. Prices furnished on application.

### Cyphers Scratching Food

An ideal dry-grain mixture; affords variety and promotes exercise. Put up in 100-lb. bags. Prices furnished on application.

### Cyphers Laying Food

A balanced ration, ready mixed for the daily mash. Put up in 100-lb. bags. Prices furnished on application.



## GARANTOL

The Very Best and Cheapest Egg Preservative on the Market



Clean, fresh eggs properly preserved with Garantol keep fresh for a year and longer.

We sold Garantol for the first time last season. Out of all the people using it, we have not heard a complaint. Without an exception they all claim that eggs preserved in Garantol are fully equal to fresh laid eggs.

Send for descriptive circular and testimonials.

### PRICES

Package A, enough for 120 eggs...	.30
Package C, enough for 400 eggs...	.50
Package E, enough for 1200 eggs...	\$1.50
Package F, enough for 2400 eggs...	\$2.50

Trial package, enough for 10 dozen eggs, 30 cents postpaid.

## CYPHERS FULL-NEST EGG FOOD

A Meat Food Tonic Conditioner That Makes Hens Lay

Full-Nest Egg Food is the standard condition powder for all ages of poultry. Besides being an unexcelled egg producer, it is a concentrated meat food possessing tonic properties which promote good health and fine condition. It stimulates and invigorates, but unlike other tonic foods, it also builds up the system and keeps it up. Many condition powders tone up the bird's system for a while, only to let it drop back as soon as the use of the tonic is discontinued. Full-Nest Egg Food will help your birds through their molt, make the feathers develop normally and induce a high state of perfection in plumage. Hens begin laying sooner after molting where this egg food is used. Full-Nest Egg Food contains no injurious drugs or chemicals; it is safe and easy to use.

### PRICE

42 ounce package.....25 cents.



### Rust's Havens' Climax Condition Powders

13 ounce package.....25c

#### Sheridan's Condition Powders

Price per package, 25 cents; 2-lb. can, \$1.00

#### Bradley's Superior Meat Meal

See page 42.

#### Mica Crystal Grit

See page 42.

#### Cracked Poultry Bone

100 pound bag.....\$2.50

#### Lambert's Death to Lice

14 ounce package.....25c  
48 ounce package.....50c

### Rust's Egg Producer

1 pound box.....	25c
2½ pound box.....	50c
6 pound box.....	\$1.00

### Bone Meal for Poultry and Cattle

100 pound bag.....\$2.50

### Charcoal for Poultry

See page 42.

### Ground Meat Scraps

100 pound bag.....\$2.75

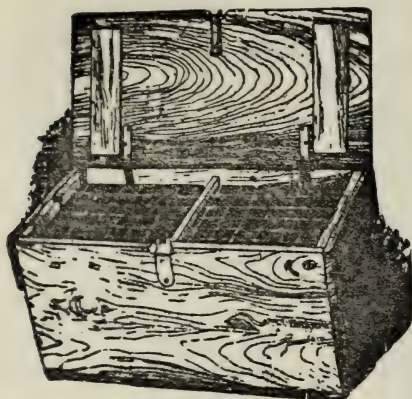
### Ground Oyster Shells

100 pound bag.....60c

### Opal Nest Eggs

Per dozen.....30c

# QUEEN CITY EGG CASES



The Most Popular Egg Case in the  
Market with Patent Hinge  
and Fastener

## PRICES COMPLETE

56 dozen	.....\$1.35
49 dozen	.....\$1.25
30 dozen	.....\$1.10
15 dozen	.....\$.85
8 dozen	.....\$.65

## FILLINGS

56 dozen	.....\$.65
49 dozen	.....\$.60
30 dozen	.....\$.50
15 dozen	.....\$.25
8 dozen	.....\$.20

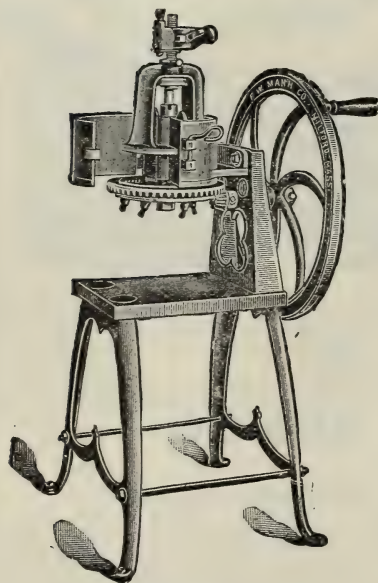
# MANN'S GREEN BONE CUTTER

The most successful  
hand or power  
machine on the mar-  
ket for cutting green  
bones.

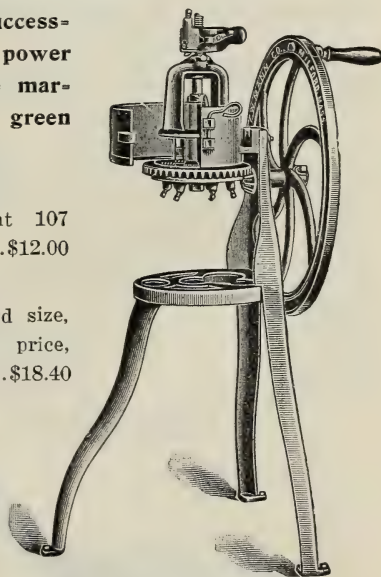
No. 7, weight 107  
lbs., price.....\$12.00

No. 9, standard size,  
weight 163 lbs., price,  
.....\$18.40

No. 11, com-  
bined hand and  
power, weight  
215 lbs., price,  
.....\$26.00



No. 9. Weight 163 Lbs.



No. 7. Weight 107 Lbs.

# No. 5 Crank Bone Cutter

A Grand Good Bone Cutter for a Little Money

This cutter is designed expressly for small flocks. It is strong and durable and greatly superior to any other bone cutter for the price. Cuts any kind of bone, hard, dry or green.

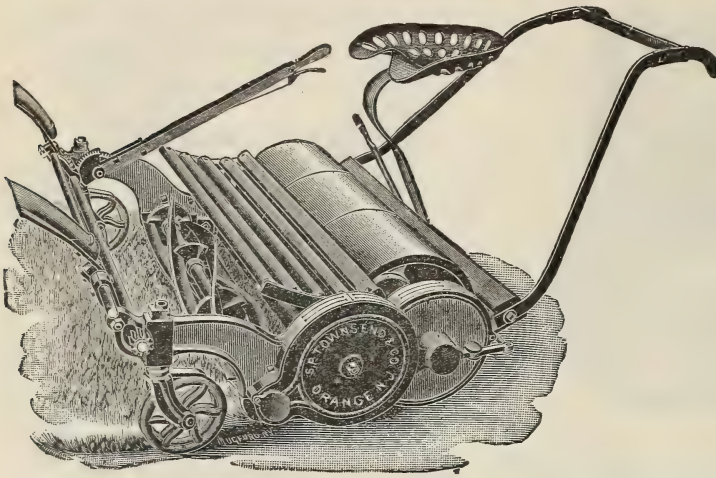
## PRICE LIST

No. 5 C, with Crank, weight 30 lbs.....	\$6.00
No. 5 B, with Balance Wheel, weight 55 lbs.....	\$8.00





# THE TOWNSEND HORSE LAWN MOWER



This mower has triple ratchet. Can change the height of cut instantly. The driver has perfect control of the blades; it can be thrown out of gear without stopping the horse.

## PRICES

30 inch.....	\$65.00
38 inch.....	\$75.00

Send for descriptive circular.

## “Victory” Lawn Mower

This machine has Ball Bearings of the very highest grade which reduce the friction astonishingly and render it possible to use much wider machines than heretofore.

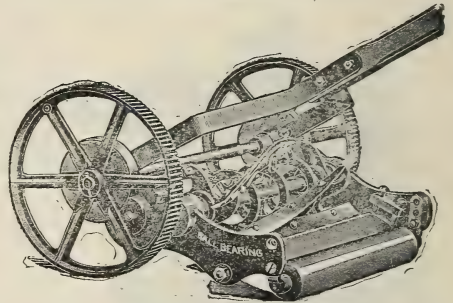
Triple gear entirely enclosed, so that no dirt or cut grass can find its way into the pinions and clog them.

The adjustments are the simplest, most perfect, and most positive.

These mowers are high speeded and have a four bladed reel, which leaves the lawn with a very smooth and velvety surface.

Width of Cut

14 inches.....	10-inch wheel.....
16 inches.....	10-inch wheel.....
18 inches.....	10-inch wheel.....
20 inches.....	10-inch wheel.....



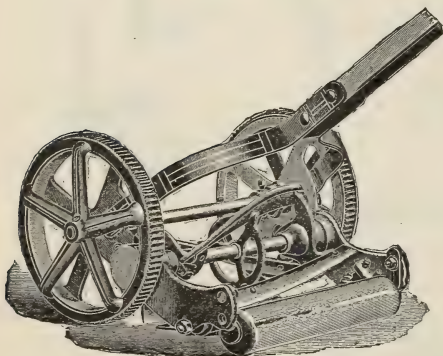
Manuf'r's Price

R.B.D. & Co.'s Price

\$20.00	\$ 8.00
\$22.00	\$ 9.00
\$24.00	\$10.00
\$26.00	\$11.00

## “Spider” LAWN MOWER

### WITH BALL BEARINGS



The Spider Mower is light and strong, and glides over the lawn lightly, easily and almost noiselessly reminding you strongly, as it nips off the grass, of the vigorous action of the ferocious and cunning little insect whose name it bears. This machine has finely adjusted, high grade ball bearings, which greatly reduce the friction and render it possible to use much wider machines than heretofore with parallel bearings.

Has two pawls in each pinion, making the machine much more positive and durable. The reel is four bladed and high speeded, which leaves the lawn with a very smooth and velvety surface.

Width of Cut

14 inches.....	9-inch wheel.....
16 inches.....	9-inch wheel.....
18 inches.....	9-inch wheel.....

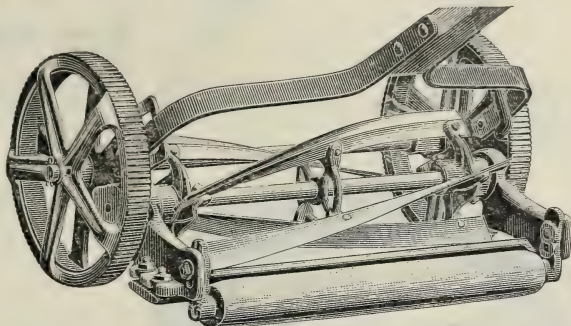
Manuf'r's Price

R.B.D. & Co.'s Price

\$20.00	\$7.00
\$22.00	\$7.50
\$24.00	\$8.00

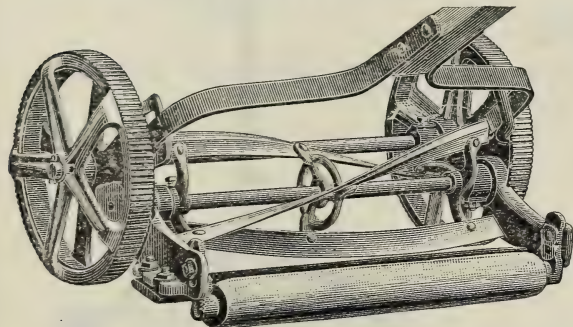
## Matchless Ball Bearing Lawn Mower

Has four crucible steel blades and 9-inch diameter wheels. Very simple in construction; durable and easy running.



Width of Cut	Price
14 inches.....	\$4.50
16 inches.....	\$4.75
18 inches.....	\$5.00

## GLIDE LAWN MOWER



Has three revolving steel blades and 9-inch diameter wheels.

We consider this to be the best plain-bearing, low-priced mower on the market.

Width of Cut	Price
14 inches.....	\$3.50
16 inches.....	\$3.75
18 inches.....	\$4.00

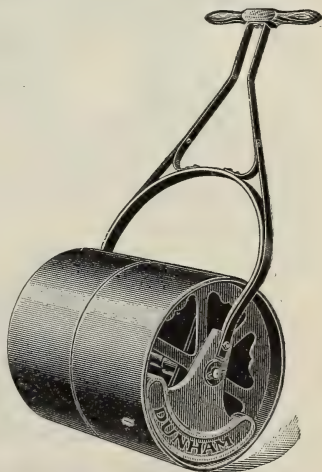
## The Dunham Lawn Roller

The Only Lawn Roller With Roller Bearings

The Easiest Running Roller on the Market

The most essential tool for the care of a lawn is a roller. In the winter when the ground becomes frozen it expands, just as water does when it freezes. The thaw which follows the first warm days of spring allows the soil to settle back in its former position. But the sod, being much lighter than the soil, does not settle with the same rapidity. Large patches of grass roots in every lawn are thus left stranded in the air until after the growing season begins. The grass in these patches will die unless rolled down with a heavy roller as soon as the frost is out of the ground, so that the roots may again come into firm contact with the soil.

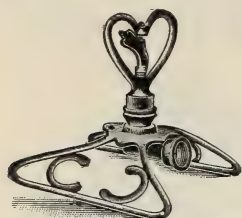
The proper use of a roller will make all the difference between a commonplace lawn and one of rare, velvety beauty.



### PRICES

Diameter	Length	Weight	Manuf'r's Price	R.B.D. & Co.'s Price
No. 407....20 inches....	24 inches....	300 lbs....2 section.....	\$18.50	\$14.00
No. 410....24 inches....	24 inches....	450 lbs....2 section.....	\$27.50	\$21.00



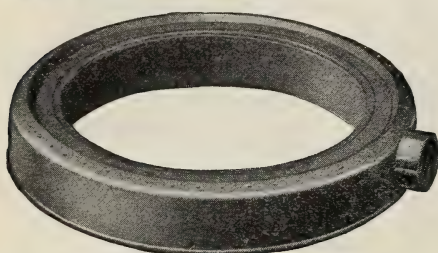


## Lawn Sprinklers

### Busy Sprinkler

This sprinkler is so arranged that the spoon revolves, no matter at what angle the sprinkler may be held. It is a good distributor of water and one of the most popular forms.

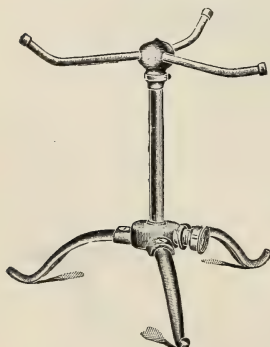
Price .....75 cents.



### The Ring Lawn Sprinkler

Made of sheet brass, very fine perforations. Will stand the heaviest pressure.

Price .....\$1.00

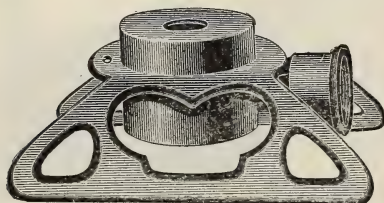


### Sunshine Sprinkler

Ball Bearing

This sprinkler has three long arms so adjusted on ball bearings that they will revolve with the slightest pressure. Arms nickel plated. Height about 12 inches.

Price .....\$1.25



### Evanston Sprinkler

This sprinkler is built on the well known principle of the tangential spray. It has no revolving parts to wear out. A very durable, popular sprinkler at a low price.

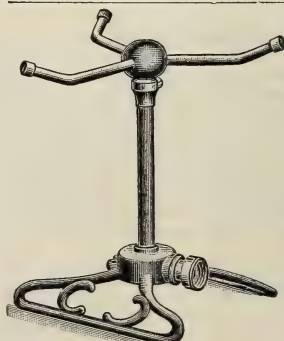
Price .....50 cents.



### Texas Sprinkler

This sprinkler stands 24 inches high, has a heavy base and revolving top with four arms. Head and arms nickel plated.

Price .....\$1.75



### Pluvius Sprinkler

Ball Bearing

Same as the Sunshine, but fitted with sled base, so that it can be pulled over the lawn without damage to the turf. Arms nickel plated. Height about 12 inches.

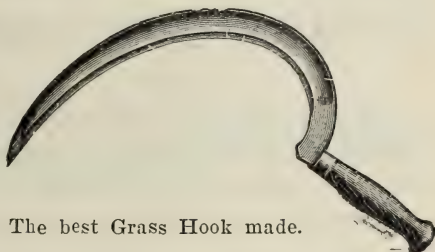
Price .....\$1.25



## Grass Shears

For trimming the grass along the edges of walks, etc., and in places inaccessible for the Lawn Mower.

Price, 25 cents.



The best Grass Hook made.

## English Concave Grass Hooks

Price .....50 cents  
Common Grass Hooks.....25 cents



## Hose Couplings

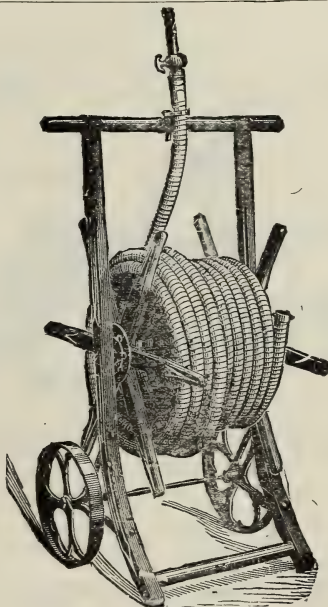
Prices:  $\frac{1}{2}$ -inch, 15 cts.;  $\frac{3}{4}$ -inch, 15 cts.;  
1-inch, 25 cts.



## Turf Edging Knife

Fitted with long handle for trimming the turf and grass along the edge of walks, etc.

Price 60 Cents



## Hose Reel

This Reel will carry 100 feet of  $\frac{3}{4}$ -inch hose. It is made of white ash. Nicely painted vermilion red and varnished. Very strong and durable.

Price \$2.25



## WIRE LAWN RAKE

A strong, reversible, steel lawn rake. Heavily tinned and very light.

Price .....50 cents.

## WOOD LAWN RAKES

Price .....40 cents.

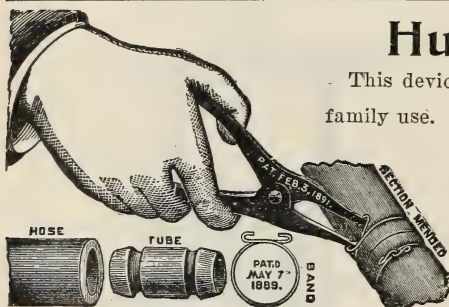


## Garden and Lawn Hose

We carry a full line of garden hose in 1,  $\frac{3}{4}$  and  $\frac{1}{2}$ -inch, both in Rubber and Cotton, suitable for ordinary or heavy pressure. All of our hose is warranted and is sure to give satisfaction.

We also carry steam hose.

Prices furnished on application.



### Hudson Hose Menders

This device is put up in boxes and is especially adapted for family use. It is made up in two sizes, for  $\frac{1}{2}$ -inch and  $\frac{3}{4}$ -inch hose. Each box contains 1 pair pliers, 6 tubes and 20 bands. The pliers are made of refined iron nicely japanned. The tubes are of sheet brass and the bands are of best malleable brass wire.

Price, per box, 1-2 or 3-4 inch, 75 Cents

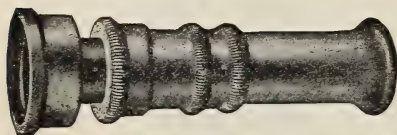
### Fairy Hose Nozzle

The best form of Combination Hose Nozzle, throwing either a straight stream or spray.

Price, Nickeled, 60 Cents



Price, Brass, 50 Cents



### Boston Spray Nozzle

One of the best combination Hose Nozzles. Throws either a straight stream or spray. Very simple and strong in construction, will not wear out or get out of order. Very solidly made of fine cast brass.

Price ..... 40 cents.

## Sure Grip Hose Clamps

These clamps are made of wrought steel and are very simple in construction. Anybody can apply them and they will not leak.

Prices:  $\frac{1}{2}$ -inch, 4 cts.;  $\frac{3}{4}$ -inch, 4 cts.; 1-inch, 6 cts. each.



## "Little Giant" Pruning Hook and Saw

Good, Cheap, Simple and Durable.

The knife and saw are both made of the best of steel, and can be used with or without a pole. The tool is light and very strong. The saw can be detached where its use is not required. This pruner will fill a long-felt need, as it combines two useful tools in one.



Price (without pole).....\$1.60

## Disston's Improved Pruning Saw and Knife



This saw is designed for attachment to a pole, so the upper branches of trees can be readily pruned without the aid of a ladder, the knife or saw being brought into requisition as may be required.

Price (without pole).....\$1.00.

## FOREST PRUNING SAW

Polished steel frame, socket handle. This saw is designed for attachment to a pole or the socket can be used for a handle as desired.

Price (without pole).....\$1.50



## STANDARD TREE PRUNER



It does not crush the wood like the thick bladed shears.

It is the lightest device made for the purpose.

It will cut larger wood than any other device that is practical to handle.

It will clip the slightest twig on the extreme end of the limb.

It will reach higher than any other.

### PRICE LIST

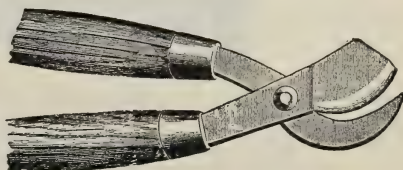
8 ft. 75c. 10 ft. 75c. 12 ft. 85c. 14 ft. \$1.00 16 ft. \$1.10

## Rockdale Pruner

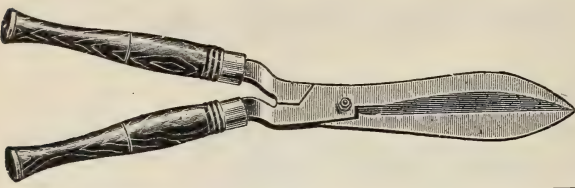
For cutting large branches; very strong and of finest quality.

### PRICES

24-inch Handle .....\$ .85  
41-inch Handle .....\$1.00







**Hedge Shears**

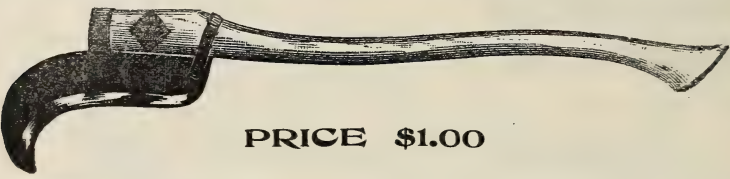
5½-inch .....	\$1.25
9-inch, notched for cutting limbs .....	\$1.75
9-inch .....	\$1.50

**PRUNING SHEARS**

No. 0 .....	25 cents.
No. 33 .....	50 cents.



**STRAPPED EYE BUSH HOOKS**



**PRICE \$1.00**



**Hercules  
Post Hole  
Digger**

This is a standard and well known digger. Is made of good material, well finished, durable and substantial.

Price .....	\$1.50.
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**Iwan's Patent  
Improved Post  
Hole Auger**

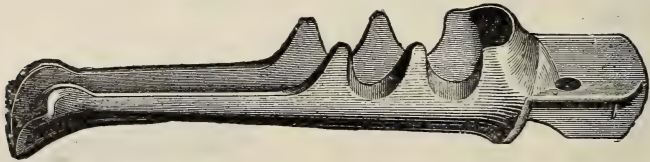


The best and easiest earth boring auger on the market. It is so constructed that it requires but very little pressure in using and will bore in all kinds of ground.

PRICES	
6-inch .....	\$1.85
8-inch .....	\$2.00
9-inch .....	\$2.25

**Post's Improved Eureka Sap Spout**

**With Patent Air Trap**



This is the only Sap Spout that is made on strictly scientific principles. They are the most simple, durable and economical. They apply to the tap hole in the tree firmly and without leakage or breakage and obstruct no pores of timber.

Price, per hundred, regular size .....	\$1.75.
Price, per hundred, short size .....	\$1.50.



## Four-Tine Spading Fork

Made with heavy angular tines and heavy Strap Ferrules.

### PRICES

D Handle .....	.75 cents
Long Handle .....	.75 cents



## Stone Picking Fork

One of the handiest tools on a farm. Small rocks can be picked up in quarter of the time and no backaches.

### PRICE

Long Handle .....	.75 cents
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## Manure Forks

Made of the best tempered steel and furnished with selected white ash handles.

### PRICES

Four Tine, D. Handle.....	.60 cents
Four Tine, Long Handle.....	.60 cents
Five Tine, D. Handle.....	.75 cents
Five Tine, Long Handle.....	.75 cents
Six Tine, D. Handle.....	.90 cents
Six Tine, Long Handle.....	.90 cents



## Steel Garden Rakes

Made of the best tempered steel and furnished with selected white ash handles.

### PRICES

Twelve Teeth.....	.45 cents
Fourteen Teeth.....	.50 cents
Sixteenth Teeth.....	.55 cents



## Potato Scoop Fork

Every farmer needs one. It is the best tool on earth for handling Potatoes, Onions, Beets, Turnips, Corn on the Cob, Ensilage, etc. Does not bruise or cut vegetables. It screens out dirt, etc.

PRICE \$1.75



## Railroad Pick Axes

Made in three sizes.

### PRICES

Five Pound.....	.55 cents
Six Pound.....	.60 cents
Seven Pound.....	.65 cents
Handles Extra, 25 cents each.	



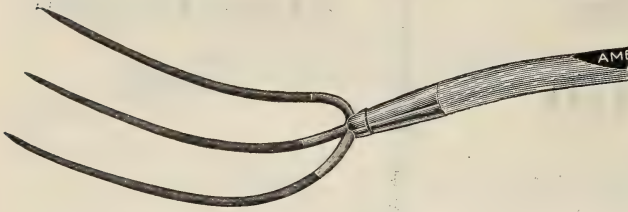
## Adze Eye Mattocks

### PRICES

Short Cutter.....	.60 cents
Long Cutter.....	.65 cents
Handles Extra, 25 cents each.	



## HAY FORKS



Three Tine Bent Handle.  
Made of best tempered steel  
and furnished with selected  
white ash handles.

### PRICES

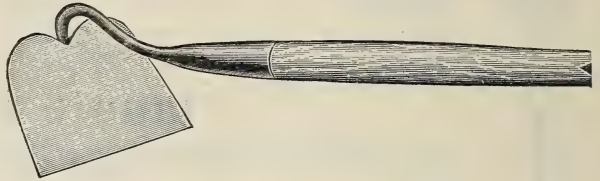
13-inch	.....50 cents
14-inch	.....55 cents
15-inch	.....60 cents

## HAND HOES

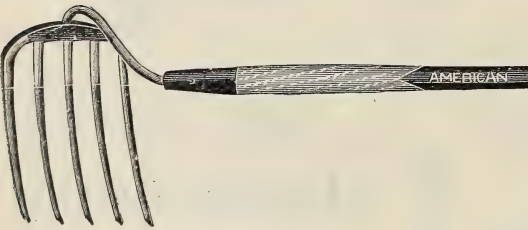
Finely tempered steel blade,  
white ash handles.

### PRICES

Socket Hoe	.....45 cents
Shank Hoe	.....40 cents



## Steel Potato Hooks



Finely tempered oval steel tines,  
solid shank, white ash handles.

### PRICES

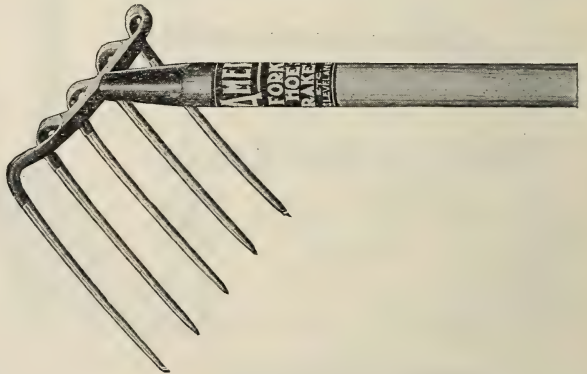
5 Tine, goose neck	.....55 cents
6 Tine, goose neck	.....60 cents
5 Tine, swan neck	.....60 cents
6 Tine, swan neck	.....65 cents

## Steel Potato Hooks

Finely tempered, bent, oval  
tines, solid shank, white ash han-  
dles.

### PRICES

5 Tine, Bent Tine	.....55 cents
6 Tine, Bent Tine	.....60 cents

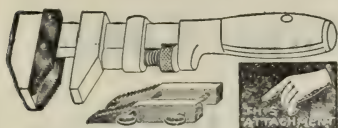


## Serrated Edge Corn Hooks



Made of specially selected spring steel and  
carefully tempered. One of the best tools for  
cutting corn ever put on the market. The  
serrated edge makes it cut very easy, and  
the correctly shaped handle makes it very  
convenient and easy to use.

Price .....50 cents.



## Yankee Jaws

Fits any monkey wrench and makes it a pipe wrench. All know that a pipe wrench is a very handy tool, but expensive. Now all can have one. Try it; if not as claimed, money returned.

Price, 25 cents.

## Wescott Wrenches

A very handy wrench, on account of the style of construction. Can very often be used where it is impossible to use a monkey wrench.



### Size and Prices

6-inch opens to 3/4-inch.....	\$.45
8-inch opens to 1-inch.....	\$.60
10-inch opens to 1 3/8-inch.....	\$.75
12-inch opens to 1 7/8-inch.....	\$.95
14-inch opens to 2-inch.....	\$1.30

## The Wright Wrench



Just press the thumb to adjust instantly to any size nut. It is a time saver, a labor saver, very simple and easy of adjustment. The strongest and best wrench on the market.

### Prices

6-inch .....	\$.50	12-inch .....	\$.85
8-inch .....	\$.60	15-inch .....	\$1.50
10-inch .....	\$.75	18-inch .....	\$1.75

## Monkey Wrenches



## Agricultural Wrenches

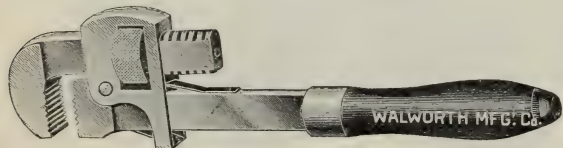
### Prices

8-inch .....	.35 cents
10-inch .....	.40 cents
12-inch .....	.50 cents

## Coe's Knife Handle Wrenches

### Prices

6-inch .....	\$.50	12-inch .....	\$.80
8-inch .....	\$.60	15-inch .....	\$1.40
10-inch .....	\$.70	18-inch .....	\$1.75
21-inch .....			\$2.10

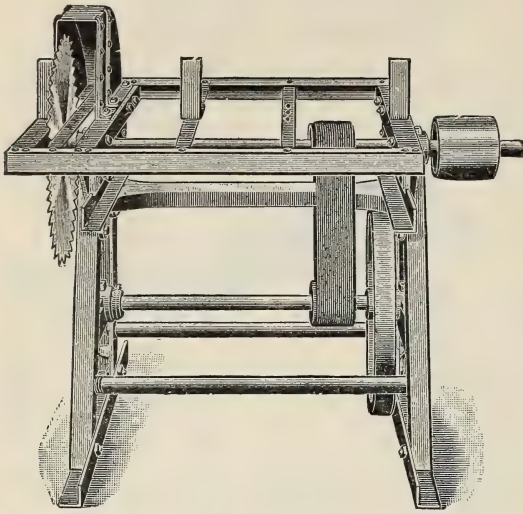


## STILLSON WRENCHES

### Prices

6-inch .....	\$.75
8-inch .....	\$.75
10-inch .....	\$.85
14-inch .....	\$1.15
18-inch .....	\$1.50





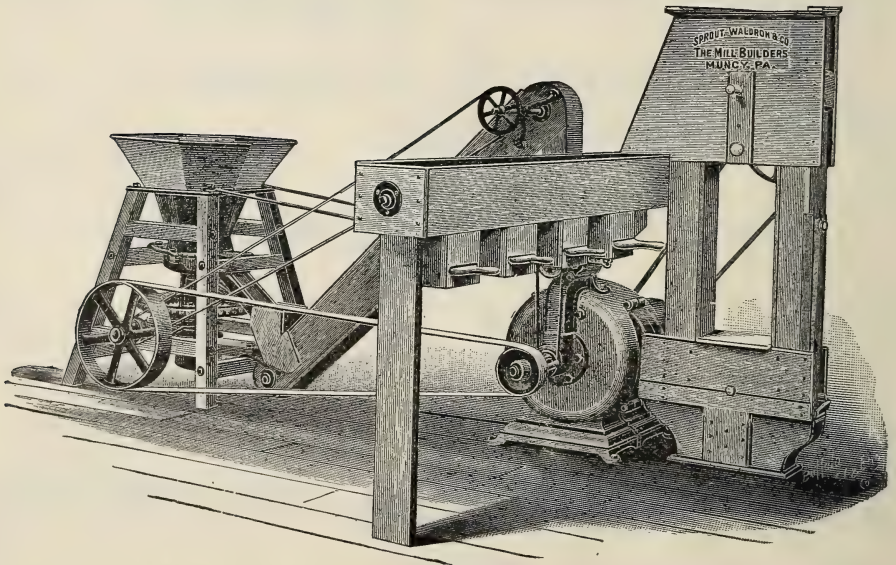
## Slide Table Steel Frame Wood Saw

This saw has the balance wheel below the table, so as to admit of Pole Sawing. It is built of heavy steel and iron, is strong and durable and a great favorite with all who use it.

Being made of steel, it is lighter than a wood frame, which makes it much easier to handle.

Write for prices.

## Monarch French Burr Feed and Meal Mills



Above outfit consists of Monarch French Burr Mill, combined with Elevator and Bagger and Corn and Cob crusher.

Send for descriptive catalogue and prices.

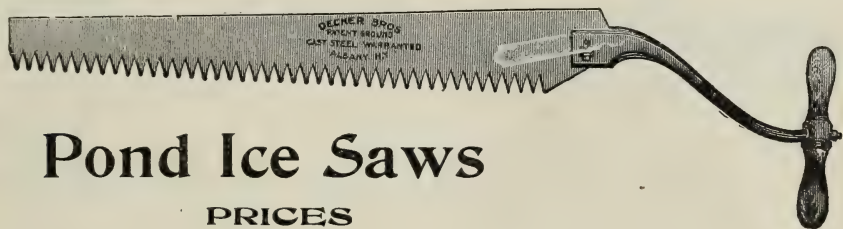
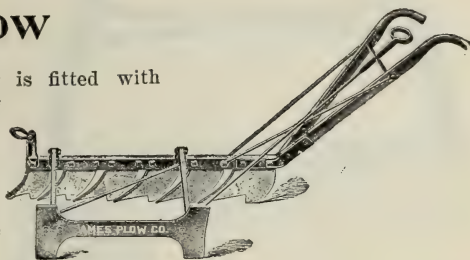
# Red White and Blue Ice Plow

## The Banner Plow

Good quality at a low price. This plow is fitted with patent clearing tooth, and is especially designed for dairies, hotels, butchers, farmers, and cutters generally, who want a low-priced implement combined with material, workmanship, and finish all of the first-class. These plows are put up in exactly the same manner and by the same workmen as the expensive plows, and they will stand up steadily to the work.

Number Size

A P 4—7½-inch,	5 cutting teeth and 22-inch swing guide.....	\$25.00
A P 5—9-inch,	5 cutting teeth and 22-inch swing guide.....	\$28.00
A P 11—10½-inch,	5 cutting teeth and 22-inch swing guide.....	\$30.00
Adjustable swing guides, 16 to 22 inches, \$1.50 extra.		
Prices on different sizes of plows furnished on application.		

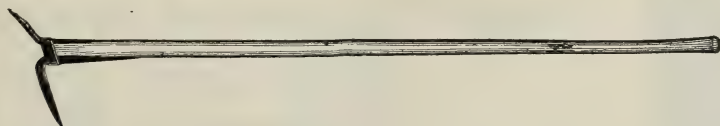


## Pond Ice Saws

### PRICES

4 Foot Saws With Handle.....	\$2.75
4½ Foot Saws With Handle .....	\$3.00
5 Foot Saws With Handle.....	\$3.25

## ICE HOOKS



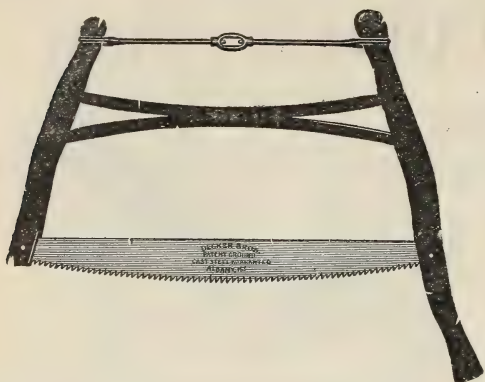
Ice Hooks With 3½ Foot Handle.....	.75 cents each
Ice Hooks With 4 Foot Handle.....	.75 cents each
Ice Hooks With 4½ Foot Handle.....	.75 cents each
Ice Hooks With 5 Foot Handle.....	.75 cents each



The  
Lightning  
Hay  
Knife  
Solid Steel

Price \$1.00





## WOOD SAWS

Wide or Narrow Blades.

Prices from 50 cents to \$1.00.

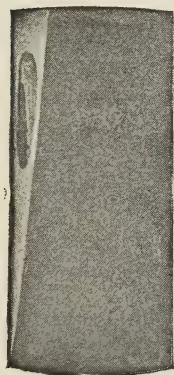
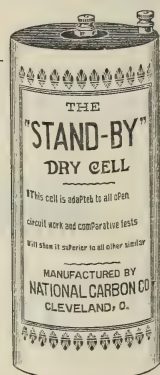
All of our best saws fully warranted.

## Stand-By Dry Battery Cells

For use on Gasoline Engines, Motor Boats, Automobiles, etc.

Number 6,  $2\frac{1}{2} \times 6$  inches. Price, 25 cents each.

Number 8,  $3\frac{1}{2} \times 8$  inches. Price, 75 cents each.



## AXES

Sole Agents for the

**DAMON BROS.**

**Hand Hammered Warranted**

## AXES

**Made in Damascus, Maine**

**PRICES\***

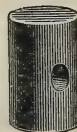
Maine pattern .....	\$1.00 each
Wedge pattern .....	\$1.00 each
Double bitted .....	\$1.75 each

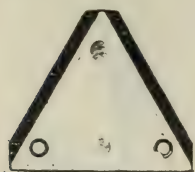
## CAST IRON MAULS WITHOUT HANDLES

These mauls are made with an oval eye and a handle can easily be fitted to them. They are got up as a cheap maul for driving fence stakes, fence posts and like work.

**PRICES**

15 pound .....	68 cents.
18 pound .....	80 cents.
20 pound .....	90 cents.





## SECTIONS

We carry a full line of sections for all the leading mowers. In ordering be sure and mention size of section wanted.

Price.—Sections, any kind 5 cents each; per box of 25, \$1.00; rivets included.

## Knife Heads

For All the Leading Mowers.



## Guard Fingers

For All the Leading Mowers.



## ZINC OILERS, CHASE PATTER

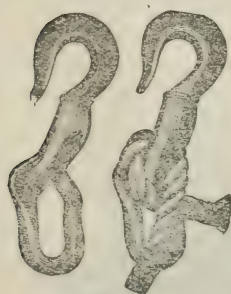
### PRICES

#### Steel Bottom

No. 1.....	10c
No. 2.....	12c
No. 3.....	15c
No. 4.....	20c

#### Brass Bottom

No. 1.....	15c
No. 2.....	18c
No. 3.....	20c
No. 4.....	25c



## Rope Hitches

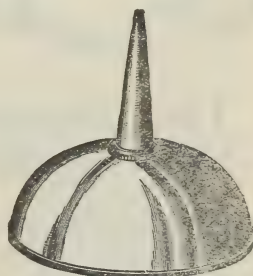
Price 25 cents each.



## Guard Plates

For all the leading mowers.

Price 5 cents each.



## Flat Bottom Machine Oilers

Price 10 cents each.

Pure Manilla Rope for Horse Forks at Lowest Market Prices





Double Harpoon  
Horse Pitchfork.

**Price \$1.25**

We have extra large Double Harpoon Forks for handling straw or light hay, if desired.

Write for prices.



Single Harpoon Horse  
Pitchfork.

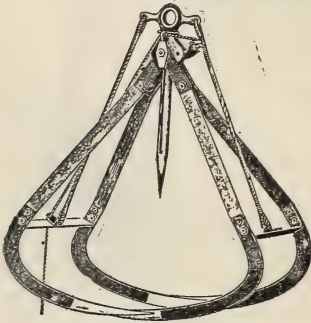
Walker Pattern.

**Price \$1.50**



Single Harpoon Horse  
Pitchfork, Nellis Pattern.

**Price \$2.50**



## Grapple Horse Pitchfork

These forks are made from the best quality of spring steel and highly finished.

They never fail to give satisfaction.

Price of Four Tine .....\$5.00.

Price of Six Tine .....\$5.50.

## The Samson Mounted Grindstone

### Mounted With Specially Selected Stone

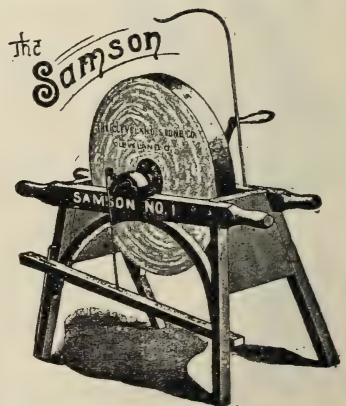
This frame is made of seasoned hardwood. The legs are securely gained into the side pieces and the ends are in one piece. Two bolts at each end pass through the entire frame from side to side. The ends of the side bars are neatly turned to serve as handles.

The "SAMSON" being strongly braced and bolted stands absolutely solid. It is one of the strongest and most showy frames made.

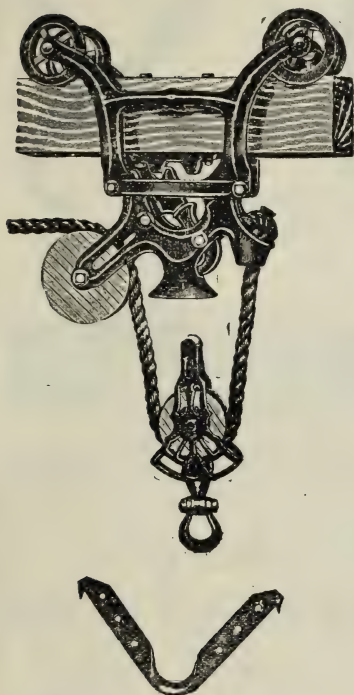
No. 1. Stone from 28 to 30 inches in diameter, \$3.75.

No. 2. Stone from 24 to 26 inches in diameter, \$3.50.

When not otherwise ordered, we ship Mounted Grindstones knocked down. If desired set up, it should be so specified.



## Ney's Swivel Reversible Wood Track Hay Carrier



**Rafter Bracket for Wood Track**  
75 Cents Per Dozen

### For 4x4 Wood Track

This carrier is made entirely of malleable iron. All wheels revolve on turned iron bushings. Most simple lock ever devised; contains no springs, lugs or pins to break or wear out. Will not pass the trip block while in operation. The most convenient Reversible Carrier on the market.

**Price \$4.00**



**Track Hanger for Wood Track**  
\$1.00 Per Dozen

## Ney's Swivel Reversible Steel Track Hay Carrier

This carrier possesses advantages as a reversible carrier that cannot be found in any other machine. It will not pass the bumper or trip-block while in operation, has the most simple lock of any carrier yet produced. The lock is positive and the load is held sure and cannot fail to work perfectly.

Price of Carrier .....\$4.50.

Price of Steel Track, per ft.....\$ .12.

Track comes 6, 8 and 12 feet lengths.

Rafter Brackets for steel track.....75 cents per dozen

Track Hangers for steel track.....\$1.00 per dozen







Iron Frame  
Iron Sheave Pulley.  
Price 25c



Iron Frame  
Maple Sheave Pulley.  
Price 25c



Wrought Iron  
Floor Hook.  
Price 15c



Steel Grapple.  
Price 50c

## Scythe Stones



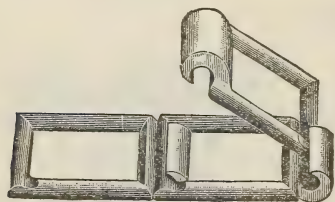
Green Mountain, a round, oval-shaped stone. Price ..... 5 cents  
Willoughby Lake, color bluish gray, round, oval shape. Price ..... 10 cents  
Ten-inch Ragg, flat, square finish, fine sharp grit. Price ..... 10 cents  
Black Diamond, fine gritted, very sharp and fast cutting. Price ..... 10 cents

## Spring Cotters



All measurements made under the eye.							
Diameter	Length	List	R.F.D. & Co.'s	Diameter	Length	List	R.B.D. & Co.'s
Inches	Inches	Per 1000	Price Per Doz.	Inches	Inches	per 1000	Price Per Doz.
1-16.....	$\frac{5}{8}$ .....	\$ 4.15.....	5 cents	1-4.....	$1\frac{1}{4}$ .....	\$ 23.50.....	8 cents
1-16.....	$\frac{3}{4}$ .....	\$ 4.15.....	5 cents	1-4.....	$1\frac{1}{2}$ .....	\$ 27.00.....	9 cents
3-32.....	$\frac{5}{8}$ .....	\$ 4.15.....	5 cents	1-4.....	$1\frac{3}{4}$ .....	\$ 30.50.....	9 cents
1-8.....	1.....	\$ 6.70.....	5 cents	1-4.....	2.....	\$ 34.00.....	10 cents
1-8.....	$1\frac{1}{4}$ .....	\$ 7.55.....	5 cents	5-16.....	$1\frac{1}{2}$ .....	\$ 42.50.....	12 cents
3-16.....	1.....	\$12.80.....	6 cents	5-16.....	2.....	\$ 52.50.....	14 cents
3-16.....	$1\frac{1}{4}$ .....	\$14.50.....	6 cents	5-16.....	$2\frac{1}{2}$ .....	\$ 62.50.....	17 cents
3-16.....	$1\frac{1}{2}$ .....	\$16.20.....	7 cents	3-8.....	2.....	\$ 86.40.....	20 cents
3-16.....	$1\frac{3}{4}$ .....	\$17.90.....	7 cents	3-8.....	$2\frac{1}{2}$ .....	\$100.80.....	25 cents
				3-8.....	3.....	\$115.20.....	30 cents

We have assorted Spring Cotters put up 100 in a box, sizes from 1-16x $1\frac{1}{4}$  to 3-16x $1\frac{1}{2}$ . Especially adapted to automobile use. Price per box, 30 cents.



## Link Chain Belting

### Malleable Link Chain Belting

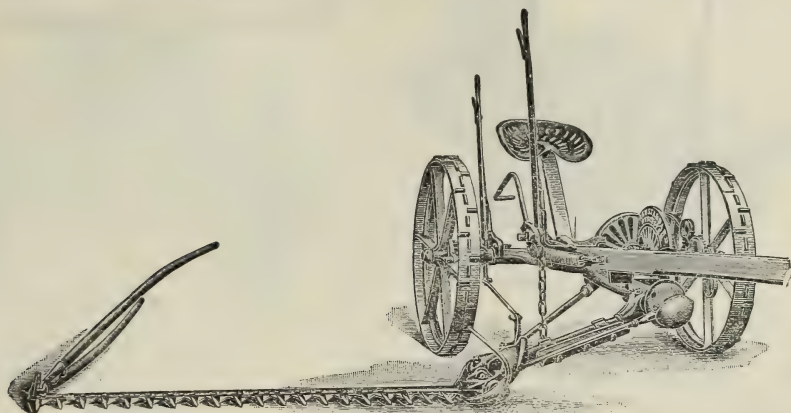
Number 25, price per foot.....	11 cents	Number 42, price per foot.....	12 cents
Number 32, price per foot.....	11 cents	Number 45, price per foot.....	11 cents
Number 33, price per foot.....	11 cents	Number 51, price per foot.....	17 cents
Number 34, price per foot.....	11 cents	Number 52, price per foot.....	18 cents
Number 62, price per foot.....	22 cents.		

### STEEL LINK CHAIN BELTING

Number 25, price per foot.....	11 cents	Number 42, price per foot.....	12 cents
Number 32, price per foot.....	11 cents	Number 45, price per foot.....	11 cents
Number 34, price per foot.....	11 cents	Number 62, price per foot.....	22 cents

We carry the above sizes in stock. Other sizes furnished at short notice, if desired.

# THE WORCESTER BUCKEYE MOWER



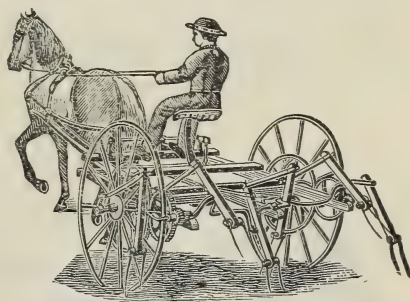
## New Standard Gear

Light draft, very simple in construction, and of extraordinary strength and durability. Send for descriptive catalogue and price list. We carry a complete line of repairs for the Worcester Buckeye Mower.

## Prices on Application

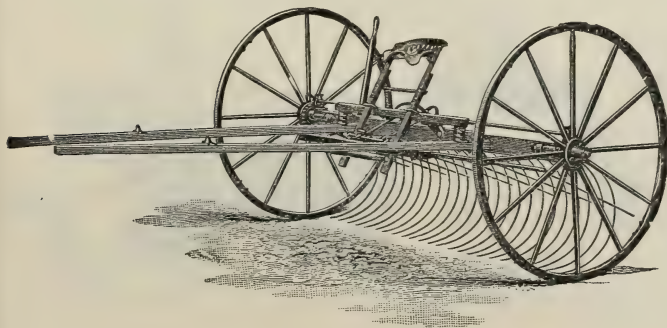
# Bullard's Improved Hay Tedder

The Bullard Improved Hay Tedder, having been submitted to the severest test of field work, is admitted to be the only one yet offered to the public that will thoroughly spread long, heavy grass, taking it up from the bottom, tossing it gently into the air, and leaving it light upon the ground for free access of sun and air.



## Price on Application

# WORCESTER HORSE RAKE

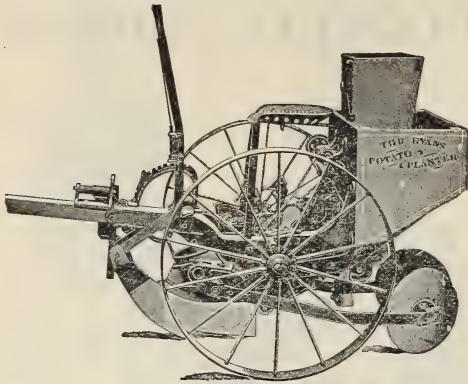


It is made from right principles, simple, strong, durable and reliable. Will rake the roughest places as well as smooth ground.

It is so easily managed that a boy can run it as well as a man.

## Price on Application





## Evans Potato Planter

This is the most improved machine of its class on the market, being strictly up-to-date in every particular.

It is a force-feed, is positive in its action, and will drop potatoes 10, 12, 14, 16, 18, 20, 28 and 36 inches apart.

The Fertilizer Attachment is a positive force-feed and any kind of fertilizer can be sown with it, at the rate of from 50 to 2,000 pounds to the acre.

Send for Descriptive Circular.

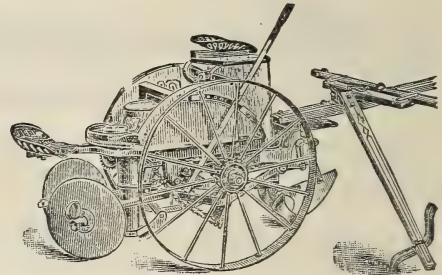
**Price \$67.00**

## The "Iron Age" (Improved Robbins) Potato Planter

This planter is one of the most thoroughly constructed machines on the market. It is carefully made of the very best materials and consequently is strong, durable and thoroughly practical.

Send for Special Circular.

Price complete with Fertilizer Distributer, Plow, etc....\$83.00



Manuf'r's  
Price

R.B.D.&Co.'s  
Price

\$75.00

## Iron Age Elevator Potato Digger

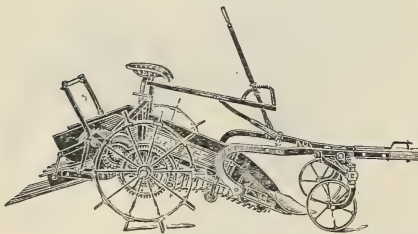
This is a very simple, light-weight and durable machine. It is built almost entirely of malleable castings and steel. The wheels are 28 inches in diameter, 2½-inch rims, and have cast removable hubs.

Soil and potatoes are separated thoroughly.

It can be thrown in and out of gear from the seat.

Send for descriptive catalogue.

Prices on application.



## O. K. Champion Potato Digger

A very strong, durable, easy draft machine.

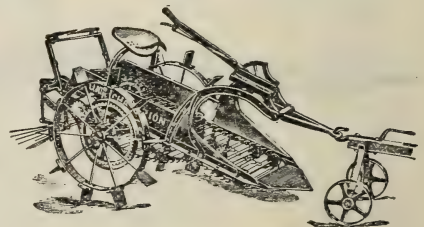
The construction is very simple and the cost for repairs is very small.

This machine is designed for use with two horses, does not require four as many of the heavier types of machines.

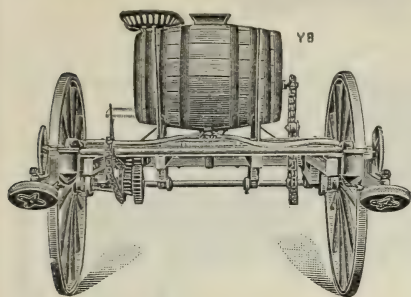
The wearing parts are very few, and are geared correctly throughout, making it light of draft and long lived.

Send for descriptive catalogue.

Prices on application.



# The Standard Liquid Sprayer

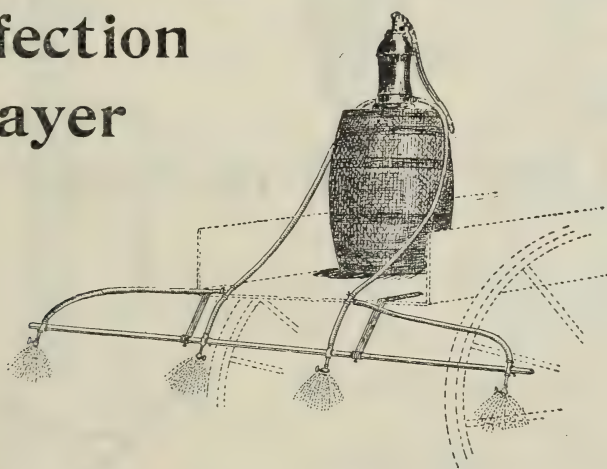


This sprayer sprays a perfect mist which completely covers all parts of the plants. It will cover thoroughly from six to eight rows, depending upon the mixture and width of row. There are no nozzles to stop up or clog, no pump or pipes to be affected by chemicals. Wheels are adjustable to different width rows.

Send for Descriptive Circular.

**Price \$75.00**

## Perfection Sprayer



The most practical potato sprayer ever put on the market; it can be attached to any wagon, is very simple in construction and durable, nothing about it to get out of order.

This sprayer can be readily adjusted to rows any width apart.

The pump is of large size, strongly constructed, and very powerful; it is also very easy working, one man can easily drive the team and work the pump.

Every sprayer guaranteed to give perfect satisfaction. We do not furnish barrel with sprayer as they can be obtained nearer home at quite a saving in freight charges.

**PRICES** Perfection Two Row Sprayer \$13.00

Perfection Four Row Sprayer \$16.00



**Demorel Spray  
Nozzle**

Price .....65 cents.



**Brass U  
Connection**

Price .....45 cents.



**Eureka Spray  
Nozzle**

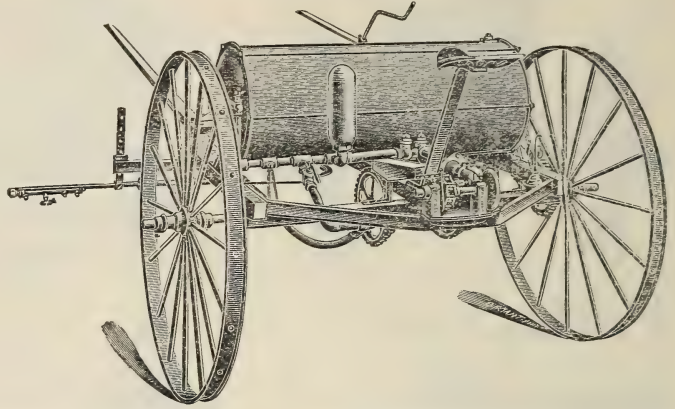
Price.....65 cents.



The sprayer has become in recent years as valuable an implement to the farmer, in successfully and economically raising a crop of potatoes, as any other implement. This sprayer has many new and valuable improvements, and is without doubt the best four-row sprayer on the market.

We have this sprayer equipped with galvanized iron or wood tank as desired.

## The "Iron Age" Four-Row Sprayer



### PRICES

No. 102—With 55 Gal. Tank. Single Acting Pump and Thills.....	\$70.00
No. 102 D—With 55 Gal. Tank. Double Acting Pump and Thills.....	\$80.00

## "Iron Age" Two Horse Sprayer

Fitted With Wood Tank Only.

### PRICES

No. 105—With 100 Gal. Tank, Single Acting Pump and Pole.....	\$82.00
No. 105 D—With 100 Gal. Tank, Double Acting Pump and Pole.....	\$92.00

The above Iron Age Sprayers are priced with four single nozzles only. For sprayer equipped with four twin nozzles, add to above prices, \$4.50.

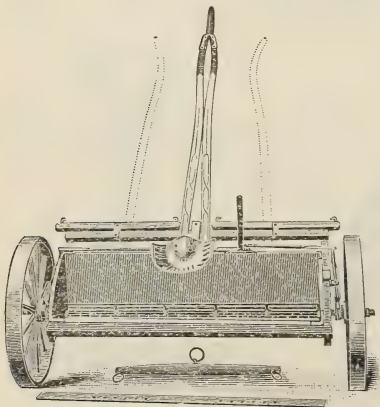
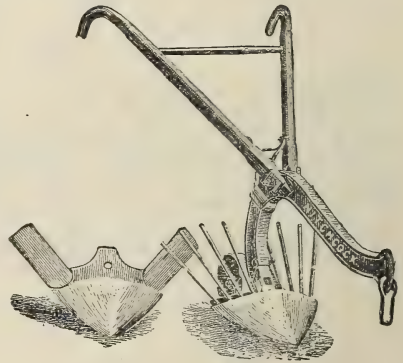
## HITCHCOCK POTATO DIGGER and SHOVEL PLOW COMBINED

A very simple and useful tool for the small potato grower. By changing one bolt it may be converted either into a shovel plow or potato digger.

Send for descriptive circular.

Price, Combined Tool .....\$10.00

Price, Potato Digger only.....\$ 7.50



## Stevens Fertilizer Sower

Simple, Strong, Durable.

A perfect machine for sowing lime, fertilizer, etc. Can be used with either one or two horses as desired.

Adjustable to sow from 200 to 4,000 lbs. per acre.

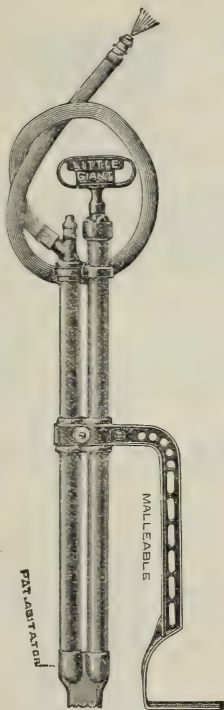
Send for descriptive circular.

Prices on application.

# SPRAY PUMPS

For Spraying Fruit Trees  
Shrubs, Etc.

Half Inch Hose, any length, 10 Cents Per Foot  
Brass Hose Couplings, 15 Cents each



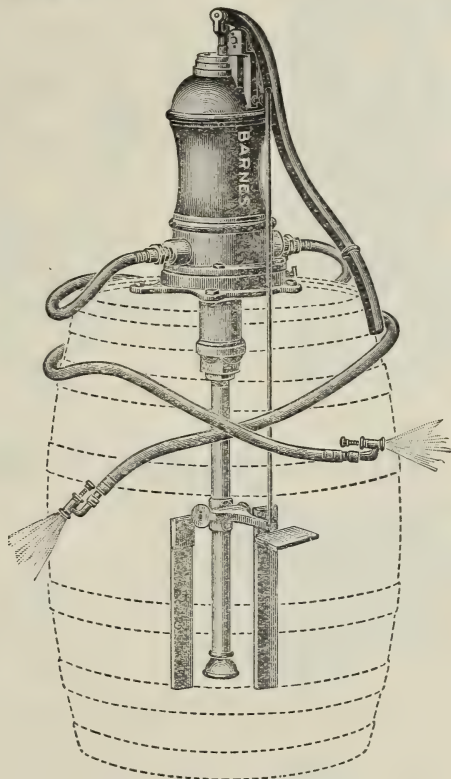
**LITTLE GIANT**  
Bucket Spray  
Pump

This pump is constructed of brass, rendering it non-corrosible when used with any of the poison formula. The pump will be found useful for a great variety of purposes, such as washing vehicles, windows, etc.

**Price \$3.00**



"Kant-Klog Sprayer"



**Barnes' New Improved**  
Barrel Spray Pump

This pump is double acting and has no stuffing boxes or other intricate parts to get out of order. All working parts coming in contact with the liquid are brass. The body of the pump is a large air chamber and after the pump is under pressure it will discharge a steady spray lasting two minutes with one stroke of the handle.

Complete except barrel, consisting of pump, 5 feet of  $\frac{1}{2}$ -inch, 3-ply hose, one Vermorel spray nozzle.

**Price \$9.00**

Pipe extensions for spraying fruit trees, etc., furnished at 10 cents per foot extra.

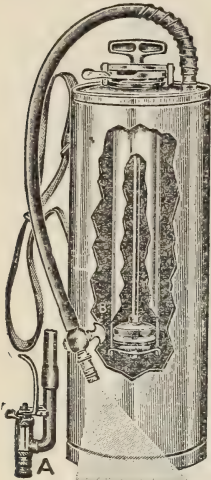
## "KANT-KLOG" SPRAYER

The sprayer body is made of heavy polished brass or galvanized steel, as desired. Top and bottom are dome shaped, joined to body under heavy pressure, making a complete double seam. The body is supported and further strengthened by a heavy steel band around the bottom.

### PRICES

- |  |        |
|--|--------|
| No. 1.—Galvanized steel body, brass air pump, hose, escape-valve, "Kant-Klog" nozzle, spring shut-off and carrier straps ..... | \$4.50 |
| No. 2.—Polished brass body and same attachments as Number 1 .....  | \$6.00 |





PATENTED.

## “Auto-Spray”

A practical compressed air sprayer and useful in the fullest variety of spraying trees, shrubs, growing crops, greenhouses, etc. Made in either heavy brass or galvanized iron as desired. The tank has a capacity of three gallons of solution. The pump is of heavy brass and large capacity. Two or possibly three pumpings will empty the tank under high pressure.

Furnished with either stop-cock or auto-pop as desired.  
Style with brass tank and auto-pop is recommended.

### PRICES

Auto-Spray. No. 1 A.	Brass tank with stop-cock .....	\$6.50
Auto-Spray. No. 1 B.	Brass tank with auto-pop .....	\$7.50
Auto-Spray. No. 1 C.	Galvanized tank with stop-cock .....	\$4.50
Auto-Spray. No. 1 D.	Galvanized tank with auto pop .....	\$5.50
Two-foot Brass Extension .....		.50
Brass Elbow .....		.50

## “Auto-Spray” No. 3-B

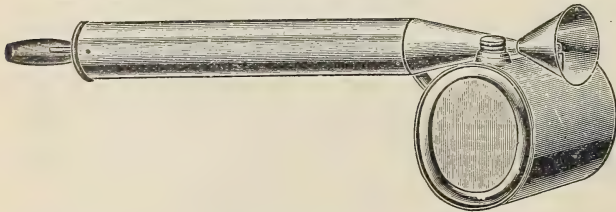
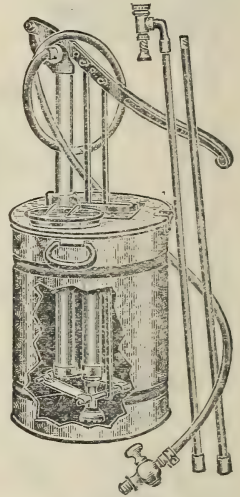
Whitewash and General Purpose Sprayer. Simple in construction. Perfect mechanically.

While the Auto-Spray No. 3-B is designed especially for a whitewash machine, it is also perfectly adapted to spraying all kinds of trees, plants, shrubs, vines, etc., and will be of the greatest value for Stock and Poultry Farms, Nurserymen and Florists, Fruit Growers, Cold Storage Plants, Factories, Packing houses, Warehouses, etc. In fact, any and every place which requires the application of disinfectants, insecticides, fungicides, whitewash or cold water paint.

The Auto-Spray No. 3-B produces the greatest power, and with the use of the extension pipe the tallest fruit trees can easily be sprayed.

The reservoir is made of heavy galvanized steel and holds 8 gallons of solution. The pump and connections are made of heavy brass, except the handle parts.

Price complete with hose and extension pipes .....\$12.00



## CYCLONE SPRAY PUMP

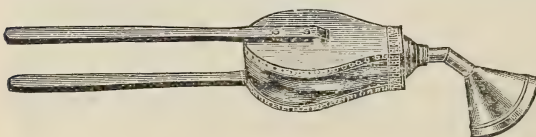
A MARVELOUS INSECT EXTERMINATOR

Throws a spray as fine as mist and is, therefore more effectual than any other spray pump and uses about one-tenth the liquid. Very useful about plants, vegetables, shrubs, etc. Also a valuable addition to the hen house for spraying the walls and roosts for lice.

Price 50 Cents

## Acme Dry Powder Gun

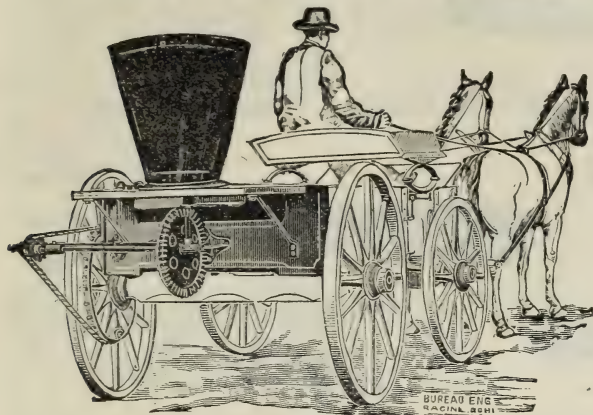
A Simple, Practical Implement for the Extermination of Potato Bugs and all Kinds of Insects, Flies, etc. The Pest of Every House and Garden.



It will handle all insecticides in the dry state—Pure Paris Green, Hellebore, Insect Powder, etc. It is very effective in the destruction of Potato Bugs, Currant Worms and all like pests and for the wholesale destruction of house flies cannot be excelled.

Price 75 Cents

## RACINE BROADCAST SEEDER



It will sow perfectly any quantity to the acre of all kinds of Grain, Wheat, Oats, Barley, Rye, Buckwheat, etc., or Grass Seeds, Clover, Millet, Timothy, Hungarian, etc. It will also sow Flax Seed, Hemp Seed, Peas, Corn and Fertilizers, in fact, anything which requires broadcasting, in a most satisfactory manner. It is the latest Wagon End Seeder on the market and superior to all others. It is heavier and stronger than any other seeder in use.

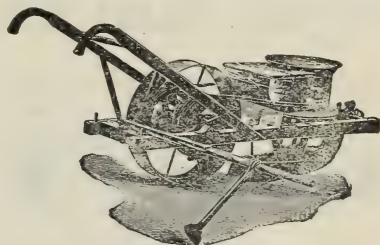
**Price \$8.50**

Send for Descriptive Circular.

## THE "KING OF THE CORNFIELD"

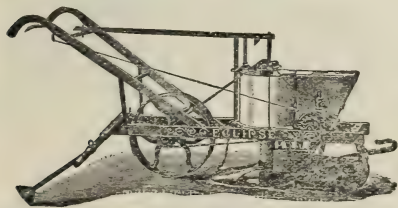
**Corn Planter and Fertilizer  
Distributor**

**Superior to all for Planting Field, Ensilage and  
Fodder Corn, Broom Corn, Beans  
Peas, Beets and Other Seeds  
of Like Size**



This planter is perfectly adapted to every requirement; durable and simple in construction; not liable to get out of order, in consequence of its having no gears, chains or other complicated parts to break or wear out. Anyone can at once understand and manage it. An important feature in this planter is that none of the working parts, except the Drive Wheel, are in motion only at the instant the seed and fertilizer is dropped in the hill, then it remains still until the next hill is reached. Corn planted by this machine germinates much quicker and comes up much more uniformly than if planted by hand.

Circulars and Price List mailed on application.



## ECLIPSE CORN PLANTER AND FERTILIZER DISTRIBUTERS

Plants Corn, Beans, Peas or Beet Seeds,  
in hills, drills or checks.

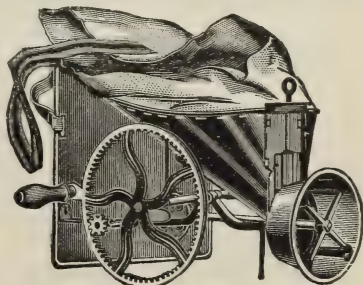
Circulars and Price List mailed on application.

## Pierce's Improved Cahoon's Patent Broadcast Seed Sower

For sowing Wheat, Barley, Oats, Buckwheat, Rye, Grass Seed, etc. Sows from four to eight acres per hour, at a common walking gait, throwing out wheat about forty feet wide.

A person entirely unused to sowing by hand can use this machine with perfect success.

**Price \$3.00**







## Garden Trowels

No. 02—6-in. Blue Steel Blade, Plain Handle. Price.....10 cents  
 No. 9—6-in. Polished Blue Enamel, Heavy Steel Blade, Polished Handle. Price.....15 cents

**FLORIST TROWEL, Extra Heavy, Price 25 Cents**

## Transplanting Fork

Japanned wood handle, malleable tines.

Price, 10 cents.



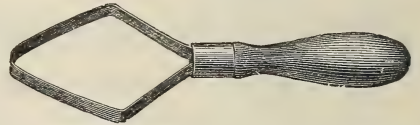
## EXCELSIOR HAND WEEDER

Japanned wood handle, malleable tines.

Price, 10 cents.

## Noyes' Hand Weeder

Steel blade. Price, 15 cents.



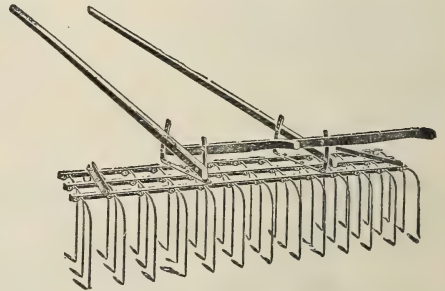
## Haseltine Patent Hand Weeder and Scraper

Price, 25 cents.

## Standard Steel Frame Weeder

This weeder is well made, strong and durable. It has a set of runners, not shown in cut, which regulate the depth of cultivation. When the weeder is used on soft ground, and shallow cultivation is desired, the runners may be set so as to cultivate at the depth desired. They are also very useful in transporting the weeder to and from the field and from one field to another.

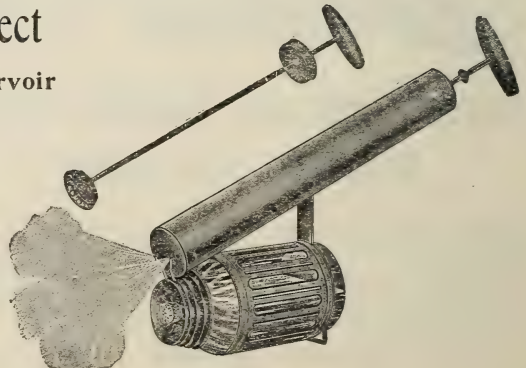
**Price \$8.00**



## Double Tube Lightning Insect Exterminator With Glass Reservoir

This sprayer is the result of vast experience in this line. It is a perfect machine and being made of glass, hand-somely encased, is the end of the law for durability; cannot rust out. The glass reservoir is detachable and is patterned after the Mason fruit can, and is interchangeable with it, making it easy to replace in case of accident.

**Price 50 Cents**



## “Iron Age” Combination Double and Single Wheel Hoe, Hill and Drill Seeder, No. 6



The frame of this tool is made of pipe coupled to malleable castings, thus combining great strength with lightness. It has high wheels and is very easy running.

It places the seed in continuous rows or in hills 4, 6, 8, 12 or 24 inches apart as desired.

Can be very quickly changed to a double or single wheel hoe.

Price ..... \$12.00.

## “Iron Age” Double or Single Wheel Hoe No. 1

This hoe has the same general construction of frame and wheels as the Number 6. It can be very quickly changed to a double or single wheel hoe. A great labor saver and very durable.

Price ..... \$7.00.



## New Universal Double Wheel Hoe Cultivator, Plow and Rake No. 14

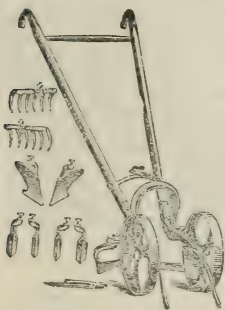
**Specially Designed for Working Both Sides of the Row at One Passing**

This new hand implement embraces all the good points of older efforts in the same line, and in addition offers new features which can not fail of appreciation. The special recommendation is the **ADJUSTABLE ARCH**, by which not only the depth of work can be gauged, but which, by an ingenious device, enables the teeth to be pitched at any angle desired.

There are nine adjustments of depth. The attachments are: 1 pair Hoes, 4 Cultivator Teeth, 1 pair Plows, 1 pair Rakes and 1 pair Vine or Leaf Guards. Price, \$5.50.

Price, with hoeing blades only, \$3.75.

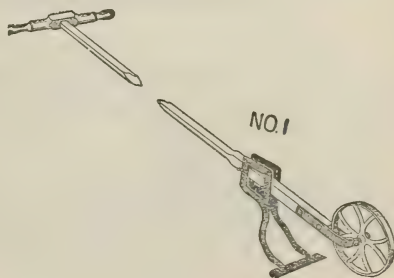
Send for Descriptive Catalogue of the Universal Garden Tools.



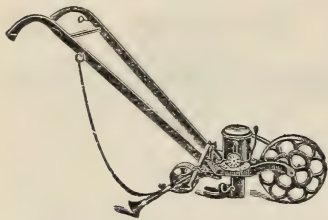
## Fuller's Unique Wheel Hoe No 1

For closely planted crops, as Beets, Carrots, Onions, etc., this hoe is without an equal and can be used the entire season. Having only one wheel it runs between the rows without bruising the tops, and having no frame work it does not tear the growing plants on either side. The great feature of this hoe above all others is that it can be easily and quickly adjusted to any height or pitch desired by means of thumb nuts. The entire hoe weighs less than ten pounds and yet is a most practical tool.

Price \$2.00







## Matthews' New Universal Gem Seed Drill, No. 18

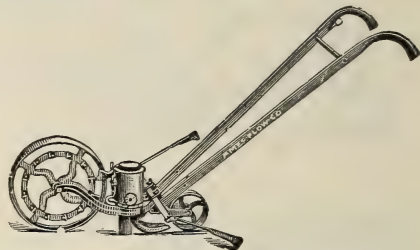
This has been perfected to meet the demand for a low price drill. It has all the essential qualities of the larger and more expensive drills, the Seed Dial and Indicator being made from exactly the same patterns.

Price \$5.25

## Matthews' New Universal Garden Drill, No. 17

NONE BETTER CAN BE PRODUCED. Medals and testimonials confirming its superiority over all other drills have been repeatedly bestowed upon it from all quarters, and as it has been improved from time to time, it is now everywhere acknowledged to be THE MOST PERFECT DRILL MADE. It has been many years in use and its still increasing sale is the best evidence of its merits.

Price \$6.75



## Matthews' New Universal "Hill and Drill" Seeder, No. 16

This Seeder is the same as the Garden Drill with the exception that it has pins in the wheel, which serve as a means for securing the various dropping distances of 4, 6, 8, 12, 16, 24 and 48 inches apart, as well as for sowing continuously in drills.

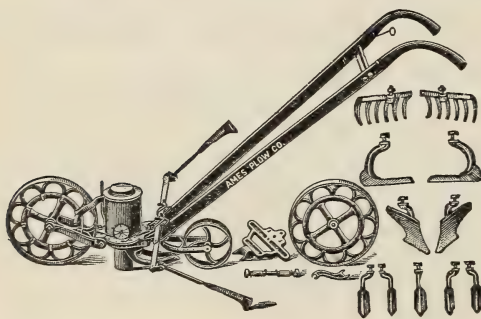
Price ..... \$7.50.

## Matthews' New Universal Constellation Drill, No. 19

With Hoe, Cultivator, Plow and Rake Attachments.

This is the same as the Garden Drill, with cultivating attachments. It can be used either as a Double Wheel or Single Wheel machine and change can be readily made. We do not particularly recommend a two-wheel seed sower, as the nicer work may be accomplished by a one-wheel machine. The two wheels are desirable, however, when used as a cultivator or wheel hoe, as in this way the rows of young plants may be straddled and the cultivating done on both sides of the rows at one passing.

Price \$8.50



## Matthews' New Universal Combined Hill and Drill Seeder, No. 22

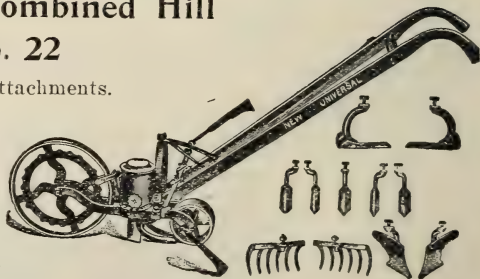
With Cultivator, Rake and Plow Attachments.

In this new implement there are combined all the features of the NO. 16 HILL AND DRILL SEEDER, with a HIGH STEEL ARCH WHEEL HOE.

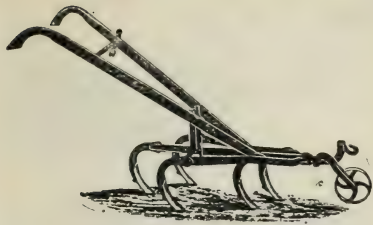
The seeder will plant in drills or in hills varying from 4 to 48 inches apart.

The wheel hoe with the high steel arch allows the cultivation of plants 20 inches high, and has adjustable sides so that it can be expanded up to 20 inches in width and can be used as a single or double wheel hoe as desired.

Price ..... \$10.00.



## Syracuse Steel Frame Cultivator



No. 81

Standards Separable and Adjustable. Side Shifting Handles.

A Good Cultivator at a Low Price.

No. 81.—Five 3-inch Points and Wheel.  
(see cut).....\$3.25

No. 83.—Same as No. 81, with Wing Points, and Shovel Point added .....\$3.75

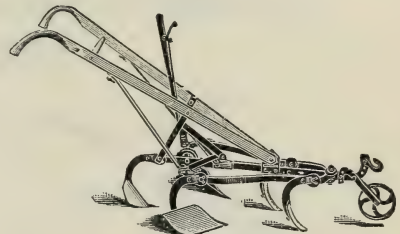
## Steel Frame Lever Cultivator

This Is the Best Lever Cultivator Ever Put On the Market For the Money.

Made with stiff, heavy steel frame, steel wheel straps, strong, durable, and steady running.

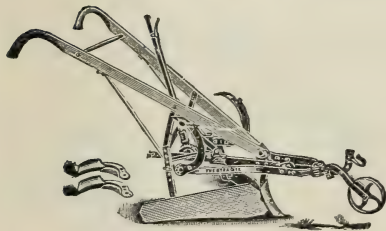
No. 121.—Expanding lever, five 3-inch Points .....\$4.25

No. 123.—Expanding lever, five 3-inch Points, Wing Points and Shovel Point (see cut).....\$4.75



No. 123

## Steel Frame Lever Cultivator With Hiller Attachment



No. 124

Unsurpassed for all hilling purposes. By reversing the Sweeps and fastening Center Standard to the rear end of the Bar, it is changed into an excellent Coverer.

No. 124.—Expanding lever, five 3-inch Points, Hiller Sweeps and Wheel .....\$5.50

## Syracuse Spike Tooth Cultivator

Especially adapted to pulverize the soil and leave it smooth and level. The teeth are reversible and the pitch can be quickly changed forward or back by simply loosening one bolt at each tooth.

114.—Expanding lever, fourteen Spike Teeth and Wheel.....\$5.25



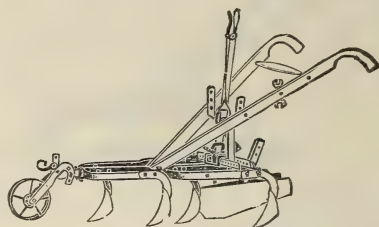
No. 114



## Hussey's "New Model Centennial" Cultivator No. 1

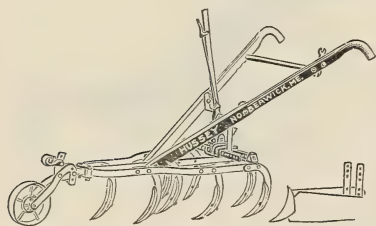
### Our New Lever Expander

Is simple, strong and easy to operate. Has no "Dead Centers," and no Loose Joints. Adds stiffness to the entire frame. Fitted with five 3-inch points, long hillers, and expanding lever.



Price ..... \$6.50.

## Hussey's "New Model Centennial" Cultivator No. 8



Has the same frame and expanding lever of the Number One cultivator.

As a pulverizing cultivator it cannot be excelled.

Fitted with eight 1-inch reversible points, long wings and expanding lever.

Price ..... \$7.50.

## Iron Age "Dixie" Horse Hoe and Cultivator

Frame high and long, runs steadily and clears easily. All attachments of solid steel, and perfectly constructed. Has expanding lever.

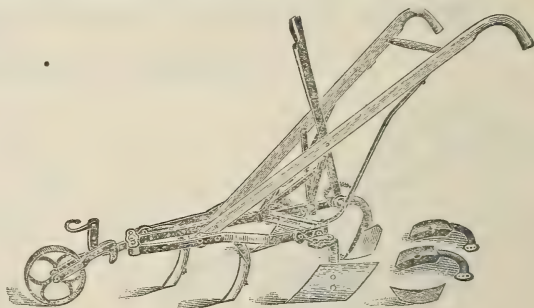
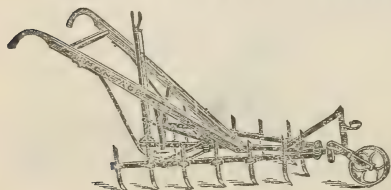


Fig. 25.

### PRICES

Dixie Cultivator, with 5 three-inch points, wheel and expanding lever.....	\$4.50
Dixie Cultivator, with 5 three-inch points, short hillers, wheel and expanding lever, See Fig. 25.....	\$5.00
Dixie Cultivator, with 5 three-inch points, long hillers, wheel and expanding levers.....	\$5.50

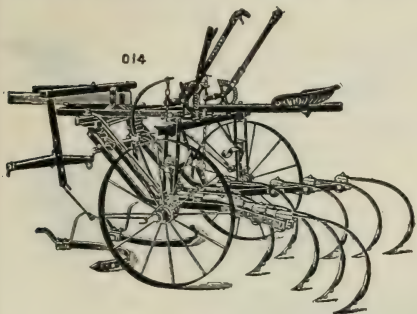
## "Iron Age" Diamond Tooth Cultivator



Especially adapted to pulverize the soil and leave it smooth and level. Especially recommended where intense cultivation is required. It will not throw the dirt but will thoroughly work the surface of the soil.

Price ..... \$5.00.

## Standard Pivot Axle Riding Cultivator



The greatest labor-saving device ever offered in the line of cultivation, adapted for all kinds of farmers in cultivating all kinds of crops on hillside or plain,—in fact, to practically universal use. Pivot wheels—Gang Adjusting Lever, Strong Steel Wheels, and, although it is light and simple in construction, it is very strong, and possesses many advantages not contained in far more complicated tools. Quality of material and finish is the very best.

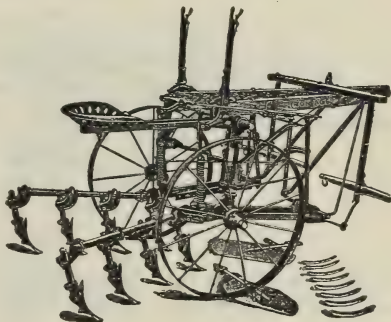
Send for Descriptive Catalogue and Prices.

## “Iron Age” Pivot Wheel Riding Cultivator

One of the best and strongest riding cultivators ever put on the market. Every farmer who contemplates cultivating from ten to fifteen acres of crop should purchase one of these tools.

We have them fitted with both spring hoes and spring teeth.

Send for Descriptive Catalogue and Prices.



## Syracuse Steel Frame Spring Tooth Cultivator



This series of Cultivators is especially adapted for use in stony ground. The frames are steel, strong and well put together throughout. The castings are malleable. The teeth are fine oil tempered springs and are alike and interchangeable; they are also adjustable for angle and depth.

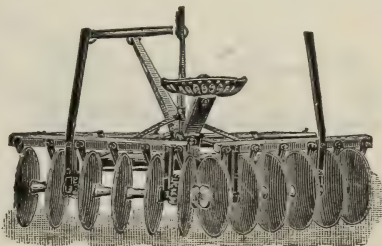
Price, with expanding lever and five teeth, \$6.00

## The Yankee Pulverizer

A superior Disc Harrow, combining all the late improvements.

Send for Descriptive Catalogue and Prices.

We have this harrow in the cuterway patterns, if desired.

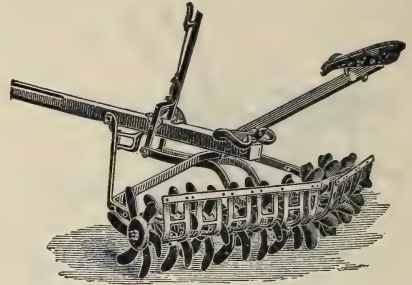




# The Morgan Spading Harrow

The Morgan Spading Harrow is an "all around general purpose Harrow," and is adapted to all soils and conditions of soils. While not particularly attractive or handsome in appearance, a trial will convince any farmer that it will do the work. As a pulverizer, it is unequalled; and especially on broken or uneven surfaces, among stone, in sod or heavy clay. It has more cutting surfaces than any pulverizer in the market. The high arched frame allows it to pass over obstructions easily. The blades are S-shaped and ground sharp on the cutting edges and overlap; they cut into and lift the soil to a depth of 4 to 6 inches, turning and pulverizing the ground precisely like the hand spade. The gangs which float freely can be adjusted to any desired angle by the hand lever. The cleaners are stationary and clean the blades, no matter what the condition of the soil.

Send for Descriptive Circular and Prices.



# Old Original Perry Harrow



The Wood Frame Perry Harrow is the most durable of the spring tooth harrows. Is simplicity itself. Iron plated on the under side and in front, the entire length. Teeth cannot get loose. No levers or joints to wear and get out of repair. Harrows of this kind have been in constant use for twenty years.

## PRICES

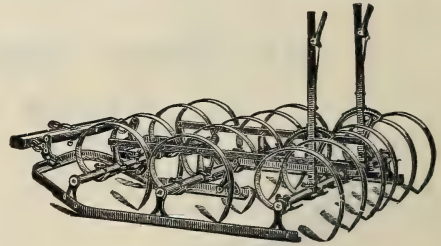
14-Tooth, \$10.00; 16-Tooth, \$10.00; 18-Tooth, \$11.00.

# Aberdeen Spring Tooth Lever Harrow

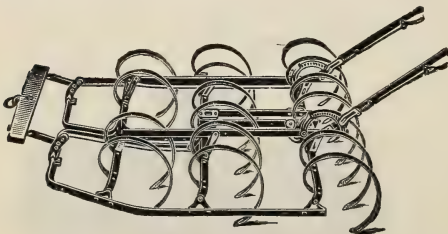
Made entirely of steel and malleable iron; teeth set to any required depth. Tooth bars round and well elevated to prevent clogging.

## PRICES

15-Tooth ..... \$16.00  
17-Tooth ..... \$17.00



# Syracuse Spring Tooth Lever Harrow



This style of Harrow has an advantage over the ordinary float harrow in that the depth of work can be quickly changed even while the harrow is in motion, and by operating the levers a uniform depth can be maintained in soils of variable hardness. The harrow will clog less and clear easier than any other harrow on the market.

15-Tooth Harrow ..... \$16.00  
17-Tooth Harrow ..... \$17.00

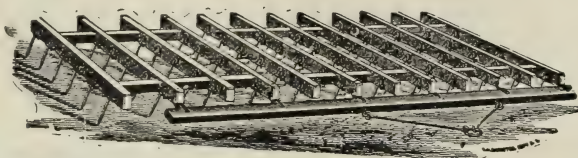
# Syracuse 1-Horse Spring Tooth Harrow

Frame of steel similar to Two-horse Harrow and is the best One-horse Harrow in the market.

**Ten Tooth with Lever**  
**Price \$9.00**

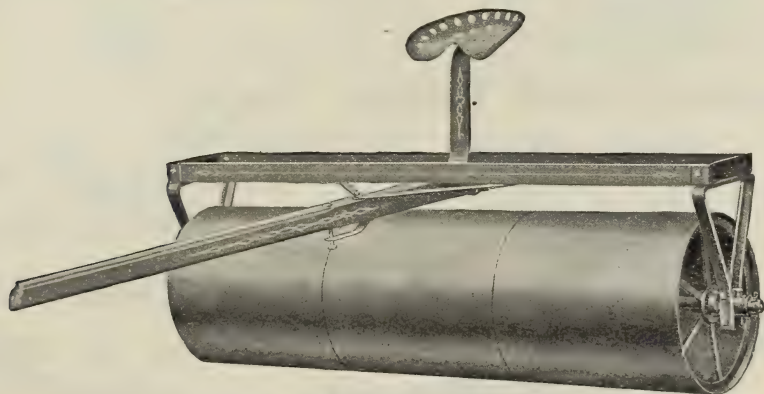


## REVERSIBLE SMOOTHING HARROW



The teeth are reversible, namely by the draw bar being attached to one end of the harrow, they are slanting, as shown in cut, while if attached to the other end they are vertical, same as the ordinary harrow. With the teeth slanting, it is a smoothing harrow. This is not only a smoothing Harrow, but a Pulverizer, a Leveler, a broadcast Weeder and Seed Coverer. It is made in sections of twenty-four teeth each. Two, three or four sections may be, but usually three are used.

Two Section Peerless Smoothing Harrow, weight 135 lbs.....\$10.00  
Three Section Peerless Smoothing Harrow, weight 200 lbs.....\$14.50



## Steel Land Rollers

The frame of these rollers is made of heavy angle steel. The drums have a steel head with a heavy steel casing. Axles are 1½-inch round machine steel, and extend the full length of the roller.

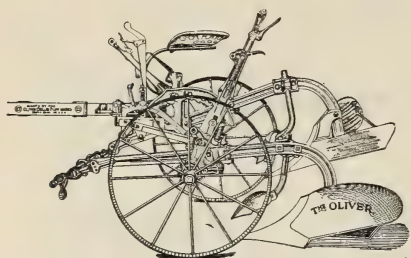
### Sizes and Prices

	Manuf'r's Price	R.B.D.&Co.'s Price
No. 1.—6 ft. long, 24-in. diameter, 3 sections, weight 485 lbs.....	\$28.00	\$23.00
No. 2.—7 ft. long, 24-in. diameter, 3 sections, weight 540 lbs.....	\$30.00	\$24.50
No. 3.—8 ft. long, 24-in. diameter, 3 sections, weight 585 lbs.....	\$32.00	\$26.00
No. 4.—8 ft. long, 30-in. diameter, 3 sections, weight 690 lbs.....	\$39.00	\$31.50

Prices do not include whiffletrees and neckyoke. If these are desired, price is \$2.00 extra.



## Oliver Reversible Sulky Plow No. 23



The most complete and up-to-date Sulky Plow on the market.

The easiest to handle and safest to operate on hillside work.

By means of a "horse lift," which is brought into play by simply pressing forward slightly on the foot trip, the operator's work is diminished by fully one-half and it is not necessary to lean way back in an uncomfortable and often unsafe position to use the hand lever. With this plow the operator can keep his eyes on his team and his hands on the reins, the feet only are needed in order to raise the plow.

Second only to this important improvement is the simple and easily operated tilting device connected with the seat of this sulky, which, when plowing along hillsides while the machine is of course leaning down hill, makes it easy for the operator to keep a level seat and maintain the equilibrium of the plow.

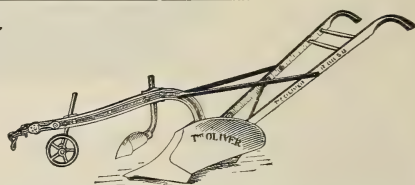
Send for Descriptive Circulars and Prices.

## Oliver Steel Beam Plow

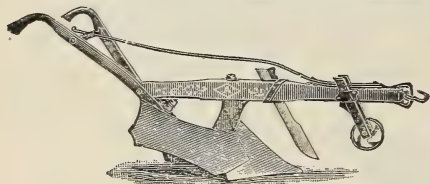
Especially designed for general purpose work, has superior turning qualities.

No. 82. Light.	Two-horse.
No. 83. Medium.	Two-horse.
No. 84. Heavy.	Two-horse.

Send for Descriptive Circular and Prices.



## The Diamond Series Swivel Plow



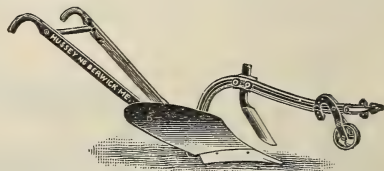
A very light-weight plow, of good capacity. Easily handled and does good work. Made in three sizes.

Send for Description and Prices.

## Hussey Steel Beam Steel Plow

Made in four sizes. A very popular general purpose plow.

Send for Descriptive Catalogue and Prices.

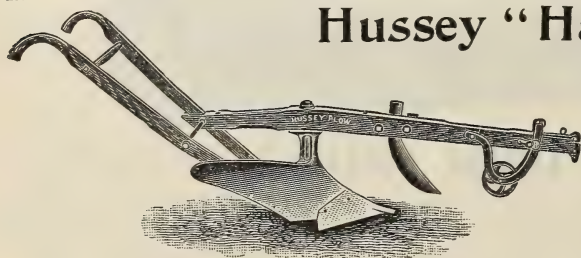


## Hussey "Hard Metal" Plow

Made in Six Different Sizes

We carry a full line of repairs for both new and old series.

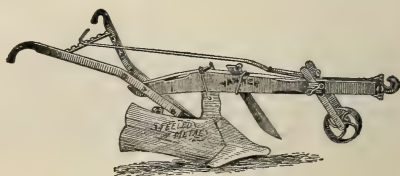
Send for Descriptive Catalogue and Prices.



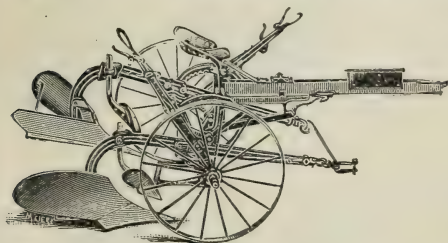
## The Yankee Swivel Plow

A very perfect working Reversible Plow. It has a wood beam, steel metal mould-board, with patent, steel shifting lever and clevis. Manufactured in four different sizes.

Send for Catalogue and Prices.



# Syracuse Reversible Sulky Plow



Does perfect work on hillside or level land. No ridges or dead furrows. Light and strong. Simple and practical.

Two perfect Combination Plows on separate Steel Beams, operated by separate levers.

A foot lift of simple design and easily operated, enabling any boy competent to handle horses capable of running the plow.

Steel wheels running on steel axle.

With each Sulky is furnished Neck-Yoke and Two-horse Whiffletrees, Wrench and Oil Can. Descriptive Catalogue and Price mailed on application.

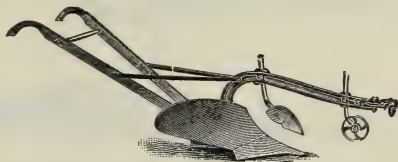
## Syracuse Steel Beam Steel Plow

Plows furnished with either Jointer or Coulter.

No. 32. Light. Two-horse.

No. 31. Medium. Two-horse.

Send for Descriptive Catalogue and Prices.



## Syracuse Steel Beam Steel Plow New Series

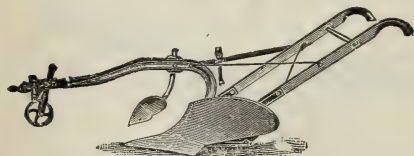
Plows furnished with either Jointer or Coulter.

No. 443. Light. Two-horse.

No. 442. Medium. Two-horse.

No. 450½. Three-horse.

Send for Descriptive Catalogue and Prices.

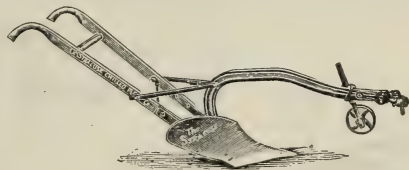


## Syracuse Steel Beam Steel Plow

A medium one-horse plow especially recommended for garden work or light farming. Furnished with coulter.

No. 1495½ Z. Medium. One-horse.

Send for Descriptive Catalogue and Prices.



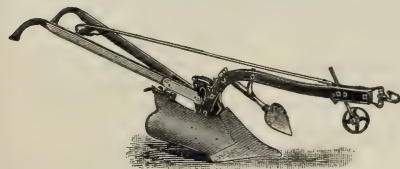
## Syracuse Steel Truss Beam Swivel Plow

This is a very light steel beam Swivel Plow. Side shifting handles. Fitted with either Automatic Jointer or Automatic Coulter.

No. 811. Medium. Two-horse.

No. 812. Light. Two-horse.

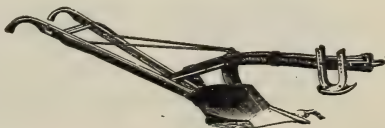
Send for Descriptive Catalogue and Prices.



## Syracuse Contractor's Plow

Steel truss beam. Steel mouldboard and land-side. Separate shin piece. Heavy overlaid wrought steel point. Adjustable shoe in place of wheel. Loop handle wear irons. Very strongly built. Slight turning capacity. Suitable for severe grading purposes in shale or hard pan.

No. 99. Four to eight-horse. Weight with shoe, 310 lbs. Send for Prices.



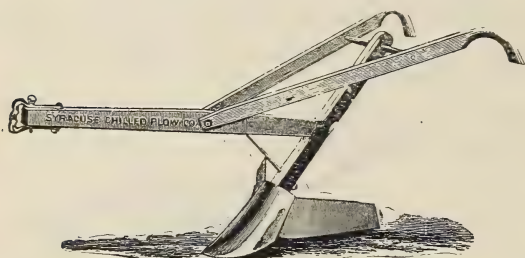
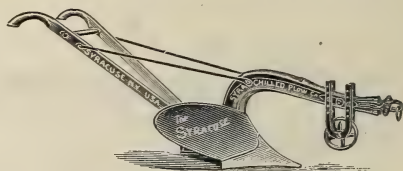


## Syracuse Contractor's Plow

Hard Iron Wearing Parts. Heavy Beam, Share and Strip. Double Strap Steel Wheel Standard. Will turn a furrow 5 to 9 inch deep, and 12 to 15 inch wide. An excellent plow for general grading purposes and road work.

A strong heavy plow at a low price.

No. 1. Two to four horses. Weight with wheel 200 lbs. Write for Prices.



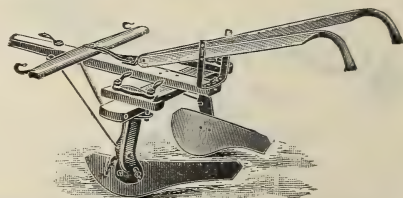
## Wood Beam Wing Shovel Plow

Blades and wings of steel. Wings adjustable to throw more or less earth. Especially adapted for hilling potatoes and other light work.

Price, without wheel.....\$2.75  
Price, with wheel.....\$3.00

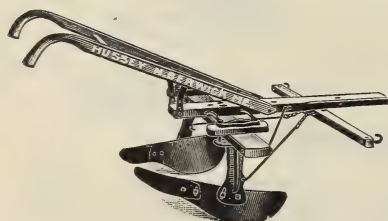
## Syracuse New Potato Hoe

This hoe is much used in potato growing sections for hilling or covering. The wings are of steel, so constructed that they will tilt up or down on the standard, and the standards are movable upon the crossbar so that the wings can be placed the right distance apart. The crossbar is strengthened with iron braces, making a strong frame. The handles shift to right or left, so that operator can walk at the side of row.



PRICE \$6.00

## The "Improved Bangor" Potato Hoe



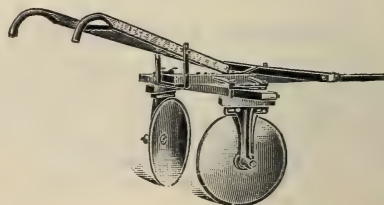
This hoe is especially adapted as a potato, corn or celery hiller, or as a coverer. Wings are polished steel, are adjustable to tilt up or down on the standards and the desired distance apart by moving standards in or out upon the crossbar. The wings are made in two parts so that the end or tail of the wing can be dropped down and thus work the earth up under the tops, instead of burying them. The crossbar is strengthened with iron braces, which connect it with the pole making a strong and durable frame.

PRICE \$6.00

## Improved Disc Potato Hoe

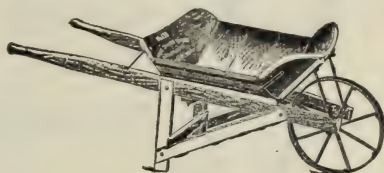
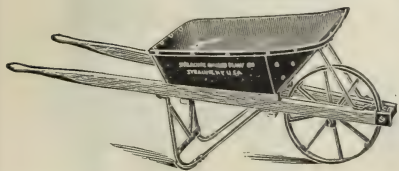
A very easy working type of hoe, and considered by many to be superior to all others for covering and hilling.

It is fitted with 20-inch discs, which can be easily adjusted to any angle.



Price .....\$8.50.

## Railroad or Canal Barrows



No. 123.	Wood Tray and Wood Wheel, extra bolted	.....	\$2.50
No. 133.	Wood Tray and Steel Wheel, extra bolted	.....	\$2.75
No. 4.	Steel Tray and Steel Wheel, extra bolted	.....	\$4.50
No. 75 A.	Steel Tray and Steel Wheel, extra bolted. This barrow has a deep tray and is designed for handling mortar, sand, concrete, etc.	.....	\$4.75

## Steel Tray Tubular Barrows



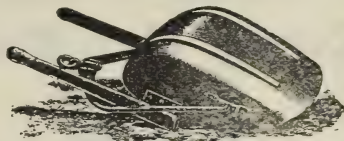
These Barrows are designed and constructed for general use, such as conveying mortar, gravel, coal, etc.

They are securely braced, strong and durable.

No.	Capacity.	Weight	Price
80 A.	3 cubic ft.	65 lbs.	\$ 7.00
44.	250 lbs.	100 lbs.	\$10.00

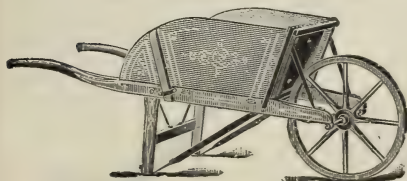
## Improved Champion Solid Steel Scraper

WITH RUNNERS



No. 1 carries 7 feet of earth.	Used for long haul or down grade.	Price, \$6.50
No. 2 carries 5 feet of earth.	Used for all ordinary grading, farm or road work.	Price \$6.00
No. 3 carries 3 feet of earth.	Intended for work on narrow ditches with one horse.	Price, \$5.50

## GARDEN WHEELBARROWS



This Wheelbarrow is highly finished, ornamented, strongly ironed and put together with joint bolts and braced, handles gracefully curved, with extra large wheel, thereby making it easy for the operator, and is superior to any in the market.

### PRICE LIST

No. 3, Small Size	.....\$3.25	No. 5, Medium Size	.....\$4.00
No. 4, Small Size	.....\$3.75	No. 6, Large Size	.....\$4.25
No. 7, Extra Large	.....\$6.00		

## Steel Head for Drag



The steel head for drag is a simple device whereby a drag can be readily made by using straight plank; it is very strong, well constructed and will last for years.

Price of Head.....\$3.00      Price of Drag Complete.....\$7.50



# TRUCKS

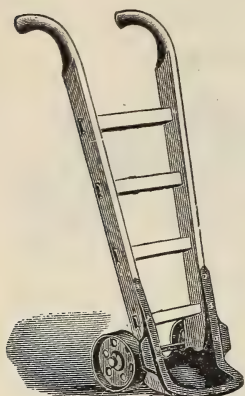
Bag Trucks.....\$2.00

Dandy Trucks.....\$2.00

We Also Carry a Full Line of  
HEAVY

WAREHOUSE TRUCKS

Prices quoted on application.



Bag Truck.

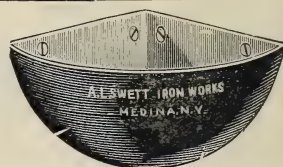


Dandy Truck.

## Cast Iron Corner Manger

With Food Guard All Around.

Price \$1.25



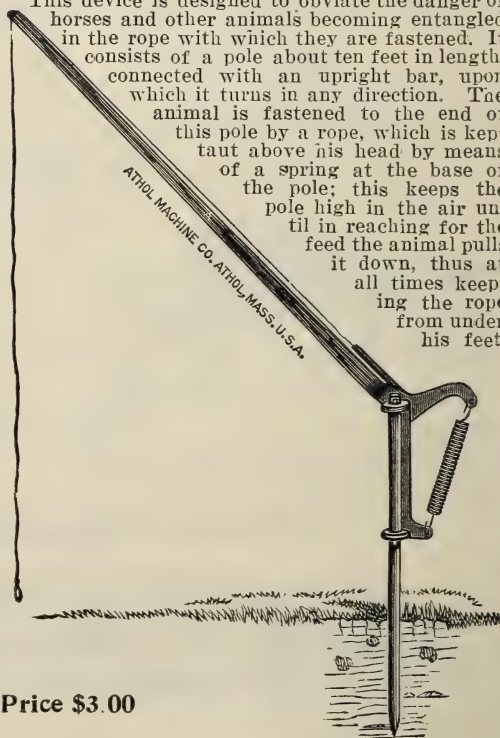
## Wrought Iron Corner Hay Rack



Price \$1.50.

## Wright's Animal Tether

This device is designed to obviate the danger of horses and other animals becoming entangled in the rope with which they are fastened. It consists of a pole about ten feet in length, connected with an upright bar, upon which it turns in any direction. The animal is fastened to the end of this pole by a rope, which is kept taut above his head by means of a spring at the base of the pole; this keeps the pole high in the air until in reaching for the feed the animal pulls it down, thus at all times keeping the rope from under his feet.



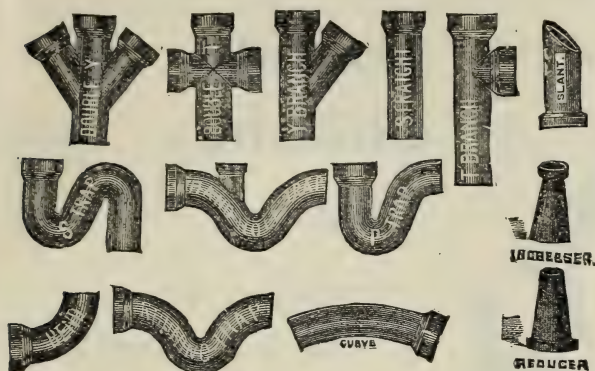
Price \$3.00

## Barrel Header



This is the most simple, labor-saving machine ever invented for heading up barrels and is used extensively for heading up apples, fish and other merchandise.

1-inch Iron Screw (attached follower) .....\$1.20



# Vitrified Sewer Pipe

Salt Glazed  
For Drains and Sewers

Price List Adopted by the Manufacturers, May 2, 1910:

Y or T Branches  
Each

Inside Diameter Inches	Price per foot	Elbows, Bends and 2 ft. Curves Each	1 or 2 feet long with Inlets up to and in- cluding 12 inches	P. S. and Single H. H. Traps Each	Reducers and Increases Each	Approximate Weight of Pipe per foot
2	\$ .20	\$ .60	\$ .80	\$1.60	\$ .80	6
3	.20	.60	.80	1.60	.80	7
4	.25	.75	1.00	2.00	1.00	9
5	.30	.90	1.20	2.40	1.20	12
6	.40	1.20	1.60	3.20	1.60	15
8	.55	1.65	2.20	5.50	2.20	23
9	.65	1.95	2.60	6.50	2.60	28
10	.80	2.40	3.20	8.00	3.20	35
12	1.00	3.00	4.00	15.00	4.00	45
15	1.35	4.05	5.40		5.40	60
18	1.90	5.70	7.60		7.60	85
20	2.25	6.75	9.00		9.00	100
22	3.00	9.00	12.00		12.00	130
24	3.25	9.75	13.00		13.00	150

Increases shall have socket on small end, and Reducers socket on larger end, and shall be charged the price of 4 feet of pipe, size of larger end.

Every shipment at the Risk of the Purchaser, and No Allowance for Breakage.

## Fire Brick



Straight  
Brick.



Bullhead  
Brick.



Arch  
Brick

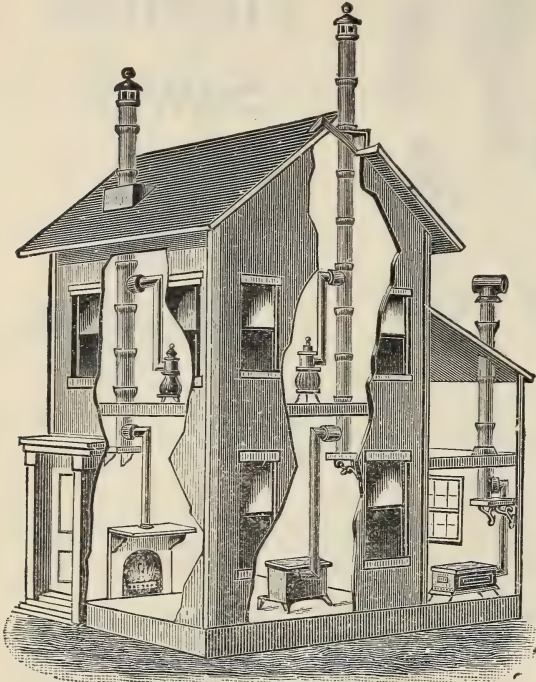
A good stock of FIRE BRICK always on hand. We also carry FIRE CLAY, KAOLINE, LIME and CEMENT.

Write for prices.



# Round Chimney Tile

Chimneys Without  
Brick Safe and  
Cheap



Showing Chimney Tile Put Up

This cut illustrates the way in which the Fire Clay Stove Pipe is used in place of the brick chimneys. These pipes having sockets on are set one upon the other, and by cementing them at the joints, they are made perfectly safe from fire, which often occurs from defective flues in brick chimneys.

## Price List

Inside Diameter	Straight Pipe per foot	Single openings, Bottoms 2 ft. long each	BONNETS	
			Double openings, Single openings, close end 2 ft. long Elbows, each	Drop Bottom 3 ft. long each
6-in.	\$ .40	\$1.20	\$1.60	\$2.40
8-in.	.60	1.80	2.40	3.60
10-in.	.85	2.55	3.40	5.10
12-in.	1.10	3.30	4.40	6.60

Write for prices. Liberal discount from this list.

## WIND GUARDS

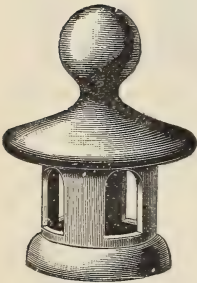
Salt Glazed

To be used on top of chimneys made of Fire Clay Chimney Tile.

### PRICE LIST

6 inches .....	\$2.50.	10 inches .....	\$ 7.00.
8 inches .....	\$3.60.	12 inches .....	\$10.00.

Subject to liberal discount from this list. Write for prices.

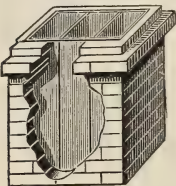


Wind Guard Top,

## Fire Clay Flue Linings

Size Outside Measure	Price per ft.
8 1/2-inchx8 1/2-inch .....	\$ .45
8 1/2-inchx13-inch .....	.65
13-inchx13-inch .....	.85
13-inchx18-inch .....	\$1.20
18-inchx18-inch .....	\$2.00

Subject to liberal discount from this list.  
Write for prices.



AS ENCLOSED IN BRICK-WORK  
2 Foot Lengths.



SQUARE,  
8 1/2 x 8 1/2.

# STONE WARE



## COVERED BUTTER POTS

1/2 gallon	.....\$ .25.	3 gallon	.....\$ .55.
1 gallon	.....\$ .30.	4 gallon	.....\$ .65.
1 1/2 gallon	.....\$ .35.	5 gallon	.....\$ .75.
2 gallon	.....\$ .40.	6 gallon	.....\$ .85.

## PRESERVE JARS

1/2 gallon	.....\$ .20.	2 gallon	.....\$ .40.
1 gallon	.....\$ .25.	3 gallon	.....\$ .60.
1 1/2 gallon	.....\$ .35.	4 gallon	.....\$ .70.



## JUGS

1/4 gallon	.....\$ .15.	2 gallon	.....\$ .40.
1/2 gallon	.....\$ .20.	3 gallon	.....\$ .50.
1 gallon	.....\$ .25.	4 gallon	.....\$ .65.

## MOLASSES JUGS

1/2 gallon	.....\$ .20.	1 gallon	.....\$ .30.
2 gallon	.....\$ .45.		



## COVERED BEAN POTS

1/4 gallon	.....\$ .15.	1 gallon	.....\$ .30.
1/2 gallon	.....\$ .20.	1 1/2 gallon	.....\$ .35.
3/4 gallon	.....\$ .25.	2 gallon	.....\$ .50.

## COVERED CHURNS

Complete With Dasher.

2 gallon	.....\$ .60.	5 gallon	.....\$1.00.
3 gallon	.....\$ .75.	6 gallon	.....\$1.20.
4 gallon	.....\$ .85.	8 gallon	.....\$1.40.



## FLOWER POTS

1-16 gallon	.....\$ .10.	1 gallon	.....\$ .25.
1/8 gallon	.....\$ .12.	2 gallon	.....\$ .40.
1/4 gallon	.....\$ .15.	3 gallon	.....\$ .65.
1/2 gallon	.....\$ .20.	4 gallon	.....\$ .75.

## WATER KEGS

3 gallon	.....\$ .80.	6 gallon	.....\$1.80.
4 gallon	.....\$1.15.	8 gallon	.....\$2.15.
5 gallon	.....\$1.50.	10 gallon	.....\$2.65.
Faucets	.....75 cents each, extra.		



## STONE PORK BARRELS

Write for sizes and prices.





## Floor Brushes

Price Each

No. 6, 14-inch block, 2½-inch black and white bristles .....	\$1.00
No. 8, 14-inch block, 3-inch black and white bristles .....	\$1.25
No. 10, 14-inch block, 3¼-inch black and white bristles .....	\$1.50
No. 14, 14-inch block, 3¾-inch all black bristles .....	\$2.25

## Window Brushes

Price Each

No. 1, Copper Fastened .....	\$1.00
No. 2, Copper Fastened .....	\$ .40
No. 50, Copper Fastened .....	\$ .50



## Horse Brushes

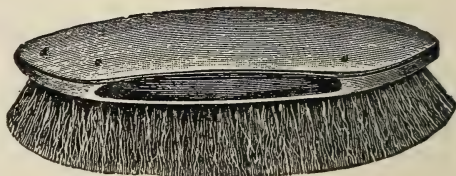
Price each

No. 103 .....	\$ .30
No. 68 .....	\$ .50
No. 171 .....	\$ .75
No. 267 .....	\$1.25

## Dandy Brushes

Price each

No. 1, Rice Root .....	20 cts.
No. 10, Rice Root .....	25 cts.
No. 40, Rice Root .....	30 cts.
No. 0, Palmetto Fibre .....	20 cts.
No. 15, Palmetto Fibre .....	25 cts.
No. 26, Palmetto Fibre .....	30 cts.



## Scrub Brushes

Price Each

No. 70, White Tampico, no handle....	12 cts.
No. 10, White Tampico, with handle..	15 cts.
No. 3, White Tampico, with handle..	20 cts.
No. 33, White Tampico, with handle..	20 cts.



## Stove Brush

Price Each

No. 92, Black Tampico, white center...	20 cts.
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# PARIS STEP LADDERS

This ladder is made with hardwood step standards and firmly braced between the steps, and is especially designed for household or store use, where a strong, durable and safe ladder is desired. Made in lengths from 2 to 10 steps.

Price, per step, 30 cents.



Paris Step Ladder

# Challenge Step Ladder

This ladder is built especially strong and of the very best of material. Made especially for use where a long ladder is required. We carry this ladder in 12-step lengths only.

Price, per step, 46 cents.

# LADDERS

Our common ladders are made of spruce poles, sides half-round, rungs split and hand-shaved, of second growth oak, making them strong, safe and durable.

Price, per foot, 15 cents.

# Flat Sided Ladders

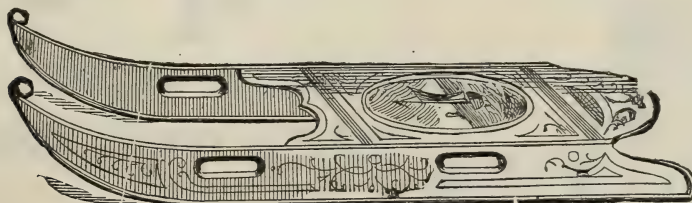
Made in lengths up to 20 feet.

This makes a nice, neat ladder for banks, halls and public buildings, as it has an extra smooth finish.

Price, per foot, 20 cents.



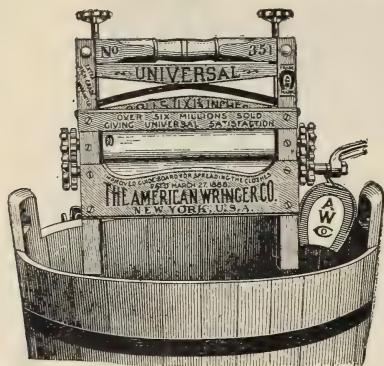
# SLEDS



We carry a full line of both frame and clipper sleds. Write for Prices.



## CLOTHES WRINGERS

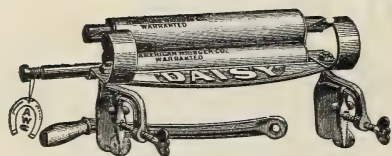
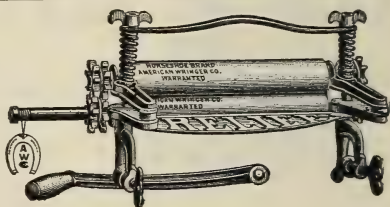


### Wood Frame Wringers

	Price
No. 1050—CHEMICAL.—Family size, with pure rubber rolls.....	\$4.50
No. 380.—UNIVERSAL.—Family size, with ball bearings.....	\$3.75
No. 350—UNIVERSAL.—Family size.....	\$3.25
No. 68—UNIVERSAL.—Hotel size, rolls 12-inchx2-inch .....	\$6.50
No. 300—NOVELTY.—Family size.....	\$3.25
No. 100—RIVAL.—Family size.....	\$2.75
No. 50—FALCON.—Family size.....	\$2.25
No. 10—CHALLENGE.—Family size.....	\$2.00

### Steel Frame Wringers

	Price
No. 330—RELIEF.—Family size.....	\$3.25
No. 200—EUREKA.—Family size.....	\$3.00

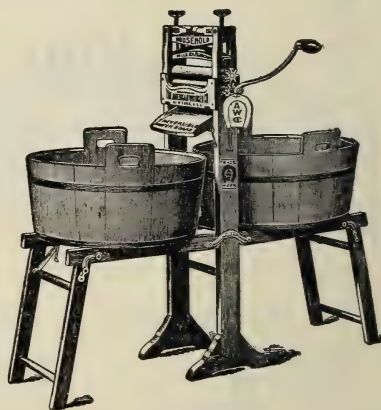
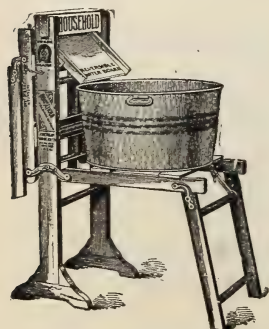


### Steel Frame Wringers

	Price
No. 100—DAISY.—Family size.....	\$2.50
No. 10—MARVEL.—Family size.....	\$2.00

### Folding Bench Wringers

	Price
No. B 180—HOUSEHOLD.—Family size, with ball bearings.....	\$4.50
No. B 150—HOUSEHOLD.—Family size....	\$4.00
No. B 370—EXCELSIOR.—Family size....	\$4.50



### Household Folding Wash Bench

Will hold two tubs or a tub and a clothes basket. A wringer of any pattern can be fastened on the frame.

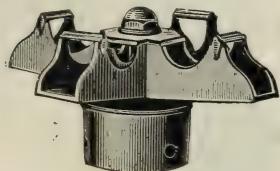
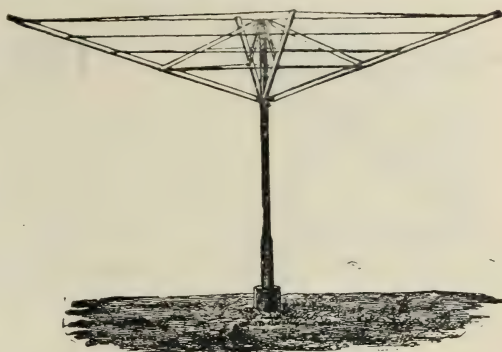
Price ..... \$1.50.

## Eureka Clothes Dryer

The Best Clothes Dryer  
in Use

### Price List

4-arm, 7 feet long, 110 feet of cotton rope .....	\$2.75
4-arm, 7½ feet long, 150 feet of cotton rope .....	\$3.00

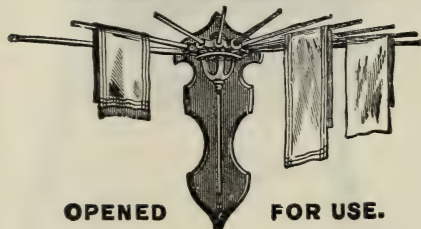


## Revolving Clothes Irons

Can be fastened to any post, fitted for post 4½ inches in diameter. Made of cast iron nicely japanned.

Price each, 90 cents.

## EMPIRE DRYING BARS.



This wall dryer is one of the most convenient articles of household use. It is made to screw to the wall and when not in use can be closed so as to occupy very little space.

Price 75 cents.



CLOSED.



## Folding Clothes Horse

This well known article is used in nearly every household. It is constructed of the very best material and is very durable, also light and convenient to handle.

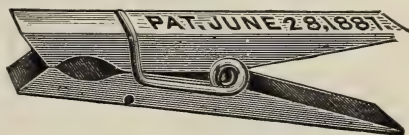
### Prices

No. 3 .....	.65 cents.
No. 3½ .....	.75 cents.
No. 4 .....	.85 cents.

## United States Spring Clothes Pins

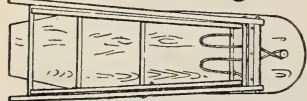
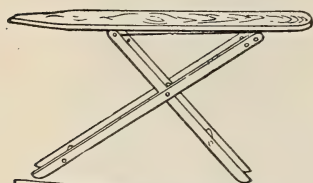
In one gross boxes.

Price, per dozen.....10 cents.





OPENED.



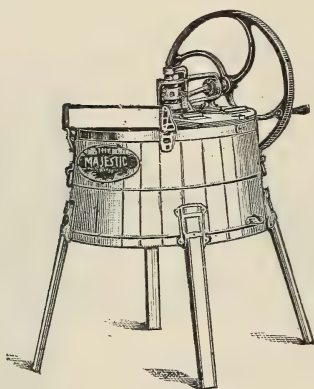
CLOSED.

## FOLDING IRONING TABLE

This table can be adjusted to any height. It can not fall down. It is made of the best of kiln dried stock. Size, 57 inches long; 15 inches wide.

Price, \$1.50.

## Majestic Rotary Washer



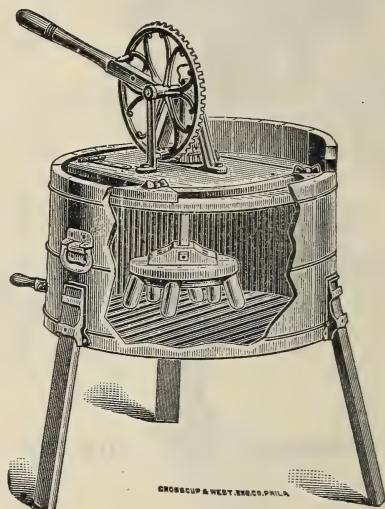
This washer is constructed of the best Virginia white cedar, and is very strong and finely constructed.

It is simple, strong, easy running and noiseless, the rotary motion being continuous, and the fly wheel heavy.

Very little power is required to operate this machine.

Price ..... \$7.00.

## Lightning Washer

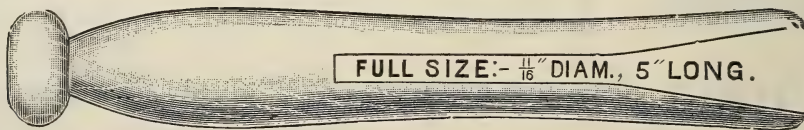


This washer is constructed of the best Virginia white cedar and is very strong and durable.

It is supplied with improved gearing and all castings are japanned.

Very easy running.

Price ..... \$4.00.



FULL SIZE:-  $\frac{11}{16}$ " DIAM., 5" LONG.

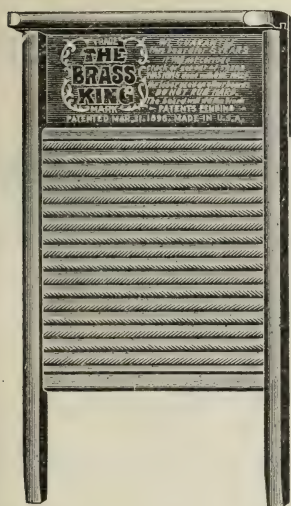
## CLOTHES PINS

Made from selected white birch. Mann's Best. Put up 5 dozen selected pins in a carton. Price, 15 cents per carton.

Oriental, (extra quality).....Price, 3 cents per dozen.

Common Clothes Pins.....Price, 2 cents per dozen.

Special prices in full box lots; 5 gross in a box.



## WASHBOARDS

Regular Size

Price

RIVAL—Single zinc surface.....	25 cents.
SAGNAW—Single zinc surface.....	25 cents.
RUBY—Single zinc surface.....	25 cents.
TIDAL WAVE—Single zinc surface.....	30 cents.
NAIAD—Single zinc surface.....	35 cents.
BRASS KING—Single brass surface.....	35 cents.
BANGOR STAR—Double zinc surface.....	35 cents.
WHITE HEN—Single glass surface.....	40 cents.

## Pail Washboards

JEWEL—Single zinc surface.....	15 cents.
INVINCIBLE—Single zinc surface.....	12 cents.



## COTTON CLOTHES LINES

Put up in 50-ft. and 75 ft. lengths.

	Price 50 feet.	Price 75 feet.
Federal, Braided .....	20 cts.	30 cts.
Nashoba, Twisted .....	20 cts.	30 cts.
Bee, Solid Braided .....	30 cts.	



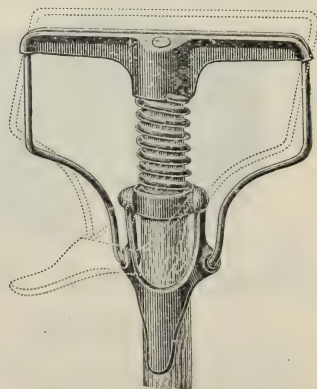
## Patent Mop Wringers

Will quickly wring a mop perfectly dry, without touching mop with the hands.

The wringer may be instantly attached to any pail and quickly removed.

PRICE.

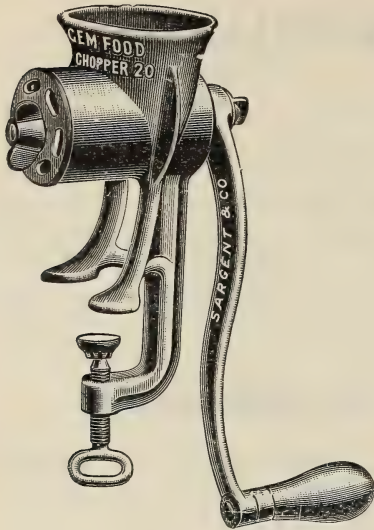
Family Size .....	\$1.50
Hotel Size .....	\$2.00



Ideal Lever Mop Handle

Price, 15 cents.





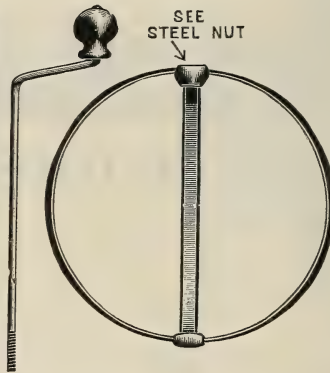
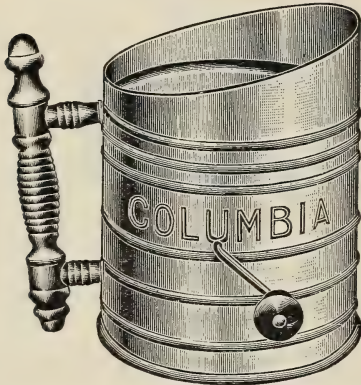
# Gem Food Chopper

Nicely tinned, self-cleaning, self-sharpening. With four steel cutters for cutting coarse, medium, fine and pulverizing.

It will chop raw meat, cooked meat, and all kinds of vegetables and fruits, all kinds of crackers, bread, eggs, cheese, nuts, etc.

## PRICES

No. 20.	Small size .....	\$1.00
No. 22.	Medium size .....	\$1.25
No. 24.	Large size .....	\$1.75



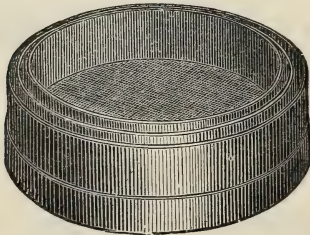
## COLUMBIA FLOUR SIEVE

Made of extra heavy tin, very strong and durable.

Price, 25 cents each.

## STANDARD FLOUR SIEVES

Price, 15 cents each.

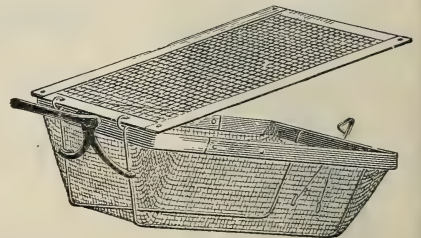


## Flour and Meal Sieves

Wood hoops, copper nailed. Covered with 18 mesh tinned wire.

### PRICES

11-inch .....	15 cents.
12-inch .....	20 cents.
13-inch .....	25 cents.



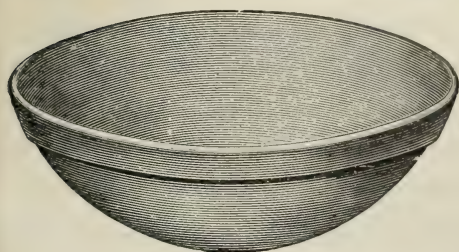
## Corn Poppers

This is a firm, well braced Corn Popper with detachable handle. The bottom is well guarded, which protects the bottom from wear.

### PRICES

1 Quart...	10 cts.	2 Quart...	25 cts.
1 1/2 Quart...	20 cts.	4 Quart...	40 cts.

## Polished Maple Bowls



These bowls are made of the best hard maple with a Paraffine Wax Finish to prevent splitting.

### Price List

11-inch .....	15c
13-inch .....	25c
15-inch .....	35c
17-inch .....	50c
19-inch .....	65c
21-inch .....	85c

## Chopping Trays

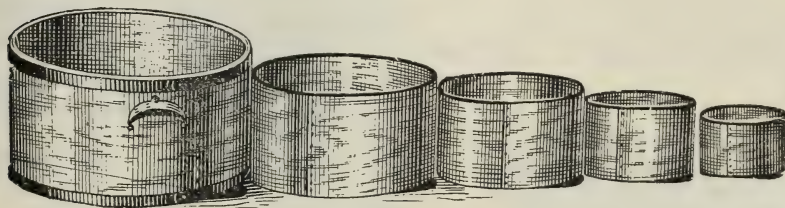
For chopping meats, vegetables, etc., butter making and general dairy and kitchen use.

### Price List

No. 1, Size 19½ by 10½ .....	50c	No. 2, Size 21 by 11 .....	60c
No. 3, Size 22 by 12 .....	75c		



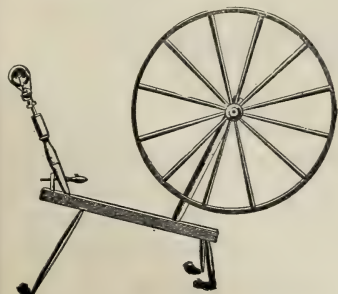
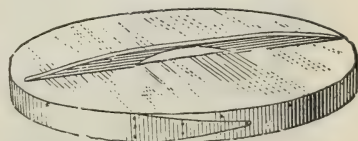
## Dry Measures



Nest of five .....	\$1.40.		
Half Bushel .....	\$ .75.	Four Quart .....	\$ .30.
Peck .....	\$ .40.	Two Quart .....	\$ .20.
One Quart .....			\$ .15.

## Barrel Covers

Sugar Barrel, 21-inch .....	30 cts.
Flour Barrel, 19-inch .....	25 cts.
Half Barrel, 17-inch .....	20 cts.

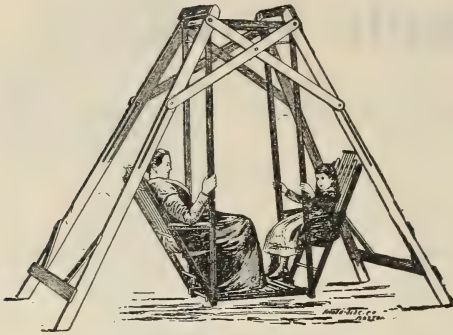


## Spinning Wheel

This wheel is nicely finished, and is made of selected hardwood. The wheel is brass bushed and the rim grooved.

Wheel, without head .....	\$3.00.
Wheel Heads, each .....	\$ .50.





## Lawn Swings

This swing will carry all that can get into it. It entertains children hours at a time in a pleasant, harmless, healthful way. Delightfully cool on hot summer days. Suitable for lawn or piazza. An ornament to any home.

**Prices from \$4.00 to \$7.00**

## Hammock Chairs

Made of hardwood, finished natural color and nicely varnished. Covered with fancy striped duck. Will fold to less than two inches in thickness, and weighs but eight pounds. Easily adjusted to any position desired.

**Price \$1.00**

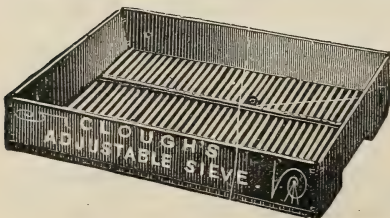


## Lawn Settees

Made of hardwood nicely painted and varnished. Can be folded up.

Price ..... \$1.00.

## Clough's Adjustable Sieve



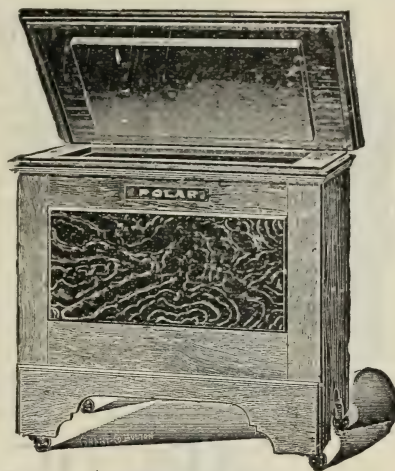
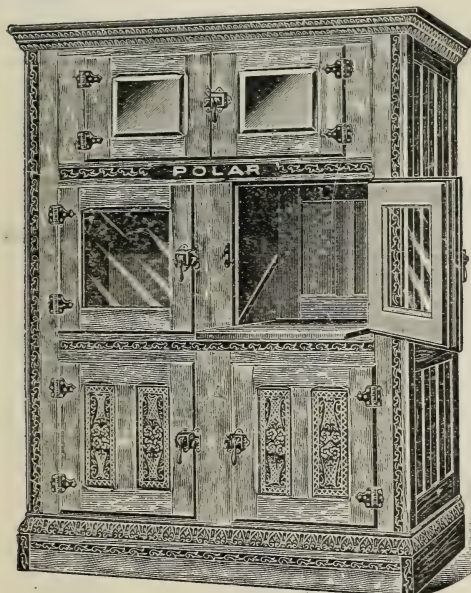
In offering this adjustable sieve to farmers and others, we know that they will find it useful and valuable for separating foul seed from grain, and sifting out the small grains, thereby getting the most vigorous kernels for seed; also for cleaning and sorting peas, beans, etc.

**Price \$1.75**

## Polar Hardwood Refrigerators

These Illustrations show our Hardwood "Polar" Refrigerators

Note the general style and beauty, and observe the artistic carvings. No wood is exposed in the interior of these refrigerators, a strong metallic lining covering every part of the inside thoroughly. They are built with heavy air tight walls, thoroughly insulated. They have swing base boards which facilitates the placing of the drip pan and makes sweeping easy. They are trimmed with strong, handsome locks and hinges, and are a high grade and first-class refrigerator in every particular.



## The "Polar" Ice Chests

These chests are made of well seasoned pine, nicely grained to imitate oak. Fitted with galvanized steel shelves and ice racks.

## Stone Lined Refrigerators

We carry in stock a line of stone-lined refrigerators. Send for Catalogue and Prices.



## Butter and Grocers' Refrigerators

This is a refrigerator especially adapted for retail butter dealers and grocers. It is fitted with an automatic shelf which when pulled out closes the opening. Fitted with six massive doors trimmed with solid brass hinges and levers, nickel plated. Ice chamber doors fitted with French bevelled mirror plates, middle provision chamber doors, fitted with clear double glass panels so that the contents of the refrigerator may be seen. Send for prices.

### Prices—Family Refrigerators

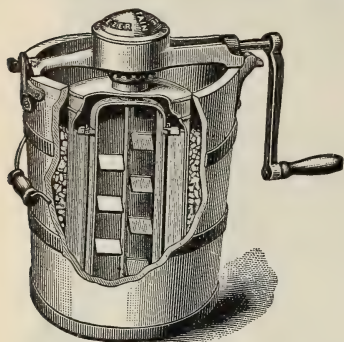
	Lbs. Ice	Length	Depth	Height
No. 331,	45	24-in.	17-in.	39-in.
No. 332,	60	26-in.	18-in.	41-in.
No. 332½,	65	28-in.	19-in.	43-in.
No. 333,	80	30-in.	19-in.	44-in.
No. 334,	125	33-in.	21-in.	46-in.
No. 335,	140	36-in.	22-in.	48-in.
No. 336,	125	33-in.	21-in.	46-in.
No. 337,	140	36-in.	22-in.	48-in.

### Family Refrigerators

Manuf's Prices	R. B. D. & Co's Price
\$18.00	\$ 9.00
\$21.25	\$10.75
\$23.75	\$12.00
\$27.00	\$13.50
\$31.25	\$15.75
\$38.25	\$19.25
\$35.00	\$17.50
\$42.25	\$21.25



## Improved White Mountain Freezers



This is universally the favorite family Ice Cream Freezer, because it combines more excellences than all the other family freezers made. It is the only freezer made with a duplex dasher and double self-adjusting scrapers, which, by keeping every particle of cream in constant motion, causes it to freeze faster and more evenly than can possibly be accomplished by any other freezer.

### PRICES

2-qt., \$2.25. 3-qt., \$2.50. 4-qt., \$2.75. 6-qt., \$3.50.  
8-qt., \$4.50. 10-qt., \$6.00. 12-qt., \$7.25. 15-qt., \$9.00.

Prices of larger sizes furnished on application.

## ARCTIC Ice Cream Freezers

This is the single action type, the can revolving while the beaters remain stationary. A first-class freezer in every respect.

### PRICES

2-qt., \$1.75. 3-qt., \$2.00. 4-qt., \$2.35. 6-qt., \$3.00.  
8-qt., \$4.00. 10-qt., \$5.00. 12-qt., \$6.00.



## Oak Well Buckets



Black Iron Hoops and Bail, 60 cents.  
Galvanized Iron Hoops and Bail, 75 cents.

## Oak Kegs



5 Gallon Kegs.....\$ .80.  
10 Gallon Kegs.....\$1.10.

## Grip Rat Trap

Price 15 Cents



## Rex Traps

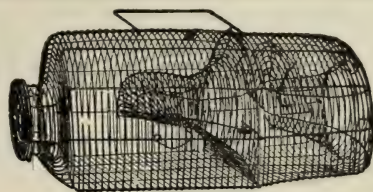
PRICES Each

Rex Mouse Traps.....10 cts.  
Rex Rat Traps.....15 cts.  
Grip Rat Traps.....15 cts.  
Five Hole Tin Mouse Traps.....10 cts.



## Dover Egg Beater

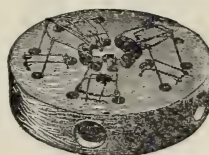
Price 10 cents.



## French Pattern Marty Traps

PRICES Each

No. 5, for Mice .....40 cts.  
No. 3, for Rats .....50 cts.



## Wood Mouse Traps

PRICES Each

Four Hole .....10 cts.  
Five Hole .....10 cts.



## Lyon Egg Beater

Price, 25 cents.

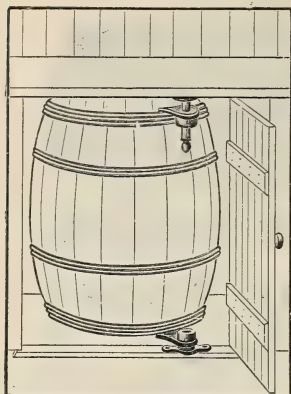


Turn Table.

## Apple Parers

Turn Table .....	Prices 60 cents.
Hudson's Rocking Table.....	60 cents.
Little Star .....	50 cents.
White Mountain .....	50 cents.

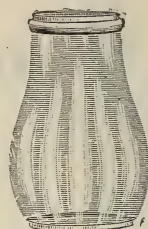




## Barrel Swing

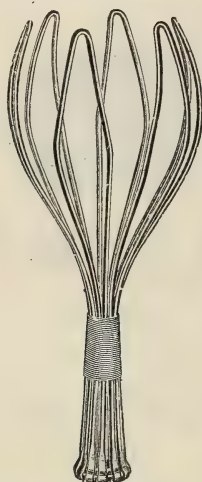
For swinging barrels under  
counters and shelves.

**Price 50 cents**



## Lantern Globes

No. 0.....10 cts.  
Cold Blast.....10 cts.  
Blizzard .....10 cts.



## Fruit Gatherers

Strongly made of heavy tinned wire.  
Can be attached to any pole.

A valuable article for fruit raisers.

Price .....30 cents.



## Rolling Pins

### PRICES

Each

Creased, Large .....25 cts.  
Plain Rolling Pins, with revolving  
enameled handles .....25 cts.



## Bread Boards

### PRICES

Each

16-inchx22-inch .....40 cts.  
18-inchx24-inch .....45 cts.  
20-inchx26-inch .....50 cts.



## Wood Spoons

### PRICES

Each

14-inch .....15 cts.  
17-inch .....15 cts.

## Towel Roll



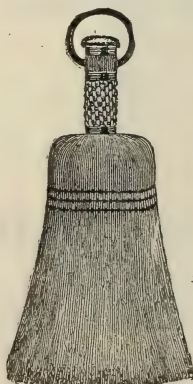
25 cents each.

## Whisk Brooms

### PRICES

Each

No. 367.....15 cts.  
No. 380.....20 cts.  
No. 480.....20 cts.



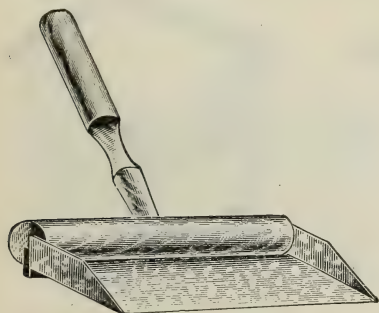
## VELVET FLY KILLER



Price .....10 cents.

## Wire Handle Fly Killer

Price .....10 cts.



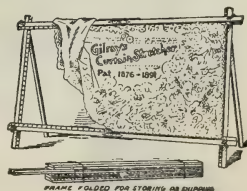
## IDEAL SINK CLEANER

Price .....10 cts.

## Gilray's Curtain Stretcher

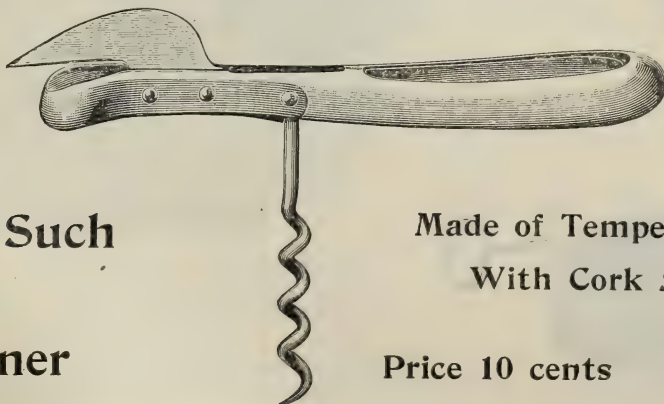
The superiority of this stretcher is claimed because of its age and experience so gained—its careful and excellent workmanship—the high grade of material used—its easy and simple adjustment. Any lady can do up the finest fabrics with satisfaction and pleasure.

Price ..... \$1.75.



FRAME FOLDED FOR STORING AS SHOWN

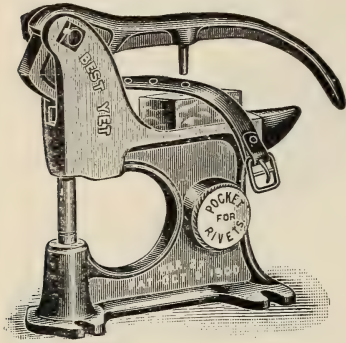
**None Such  
Can  
Opener**



**Made of Tempered Steel  
With Cork Screw**

**Price 10 cents**





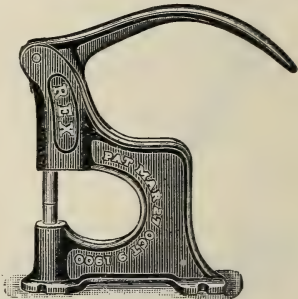
# “Best Yet” Riveting Machine

This is a combined riveting machine, anvil and punch. Made of malleable iron and steel.

Price ..... \$1.00.  
Split copper rivets for “Best Yet” Riveting machine.  
Price per box of 50..... 5 cents.  
Price per box of 100.....10 cents.

# “Rex” Riveting Machine

Made of malleable iron. A very handy, durable tool. The same rivets are used on this machine as are used on the “Best Yet” Riveting machine.



Price .....75 cents.



# Curry Combs

No. 211.....15 cts.  
No. 28.....18 cts.  
No. 230.....20 cts.

No. 230.



# Cow Bells

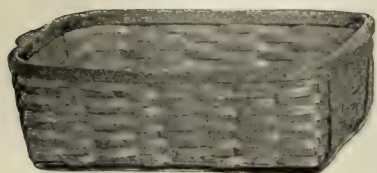
No. 1½, Height 5¾-inch, 40 cts.  
No. 2, Height 5½-inch, 35 cts.  
No. 3, Height 4¾-inch, 30 cts.  
No. 4, Height 4¾-inch, 25 cts.



Favorite Ash Sifter.

# Ash Sifters

	Price with cover	Price without cover
FAVORITE.—Wood rim, wood cover .....	\$ .50	\$ .40
SAFETY.—Galvanized iron rim, galvanized iron cover.....	\$1.00	\$ .75



## Grocer Market Basket Strapped

Number	Size	Price
0.....	24x15x8 .....	50 cents.
1.....	23x13x7 .....	40 cents.
2.....	21x12x6½ .....	35 cents.
3.....	18x10½x6 .....	30 cents.
4.....	15x9x6 .....	25 cents.

## Market Basket Bail Handle

Number	Size	Price
0.....	24x15x8 .....	50 cents.
1.....	23x13x7 .....	40 cents.
2.....	21x12x6½ .....	35 cents.
3.....	18x10½x6 .....	30 cents.
4.....	15x9x6 .....	25 cents.

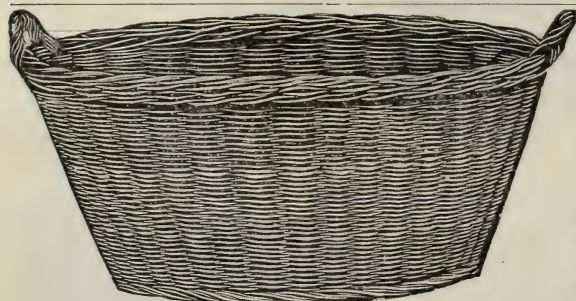
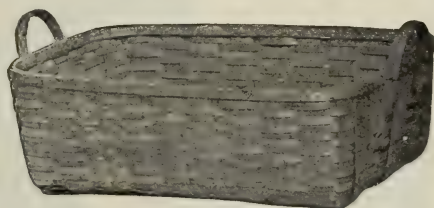


## Round Clothes Basket

Number	Size	Price
1.....	24 inches in diameter.....	50 cents.
2.....	22 inches in diameter.....	45 cents.

## Oblong Clothes Basket

Number	Size	Price
0.....	33x22x14 .....	\$1.25.
1.....	33x22x10 .....	\$1.00.
2.....	30x20x10 .....	\$.85.
3.....	26x17x9 .....	\$.75.



## Willow Clothes Basket

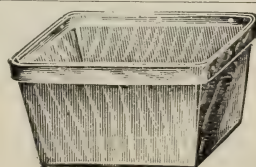
Size	Price
Small .....	\$.65.
Medium .....	\$.75.
Large .....	\$.85.
Extra Large .....	\$1.00.

## Berry Basket ONE QUART PRICES

Per 100 .....\$ .50.

Special prices made on application for lots of 1,000 or more.

We also carry Verbena Baskets in stock.







## Ash Covered Lunch Baskets

Number	Price
1 .....	.75 cts.
2 .....	.65 cts.
3 .....	.60 cts.
4 .....	.50 cts.
5 .....	.45 cts.

## Spruce Lunch Baskets

PRICES

No. 1.....	10 cts.	No. 3.....	.25 cts.
No. 2.....	.15 cts.	No. 4.....	.35 cts.
No. 5.....	.40 cts.		



## Oxford Stave Baskets

Made with selected white ash staves.

Size	Price
1/4 Bushel, Drop Bail.....	\$ .30
1/2 Bushel, Drop Bail.....	\$ .40
3/4 Bushel, Drop Bail.....	\$ .45
1 Bushel .....	\$ .50
2 Bushel .....	\$1.00

## Oak Baskets

Size	Price
1/4 Bushel, Drop Bail.....	\$ .30.
1/2 Bushel, Drop Bail.....	\$ .35.
3/4 Bushel, Drop Bail.....	\$ .45.
1 Bushel .....	\$ .50.
1 1/2 Bushel .....	\$ .75.
2 Bushel .....	\$1.00.
3 Bushel .....	\$1.75.
4 Bushel .....	\$2.25.

We also carry a full line of Wood Baskets, Office Baskets, Clothes Hampers, etc.



## HAM'S TUBULAR LANTERNS



**No. 0 Clipper Lift**  
Price 40 Cents



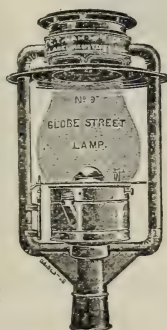
**No. 2 Clipper Lift**  
Price 60 Cents



**No. 2 Cold Blast**  
Price 80 Cents



**Gem Side Lamp**  
Price \$1.25



**No. 9 Improved  
Globe Tubular  
Street Lamp**

This lamp has outside wick regulator, automatic time extinguisher, patent windbreak and will not smoke or blow out.

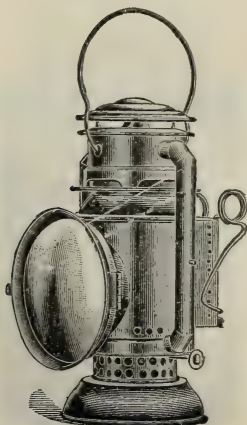
Can be attached to a wooden post or iron bracket.

### PRICES.

No. 9 Ham's Street Lamp .....\$5.00  
Street Lamp Bracket, .....\$1.25



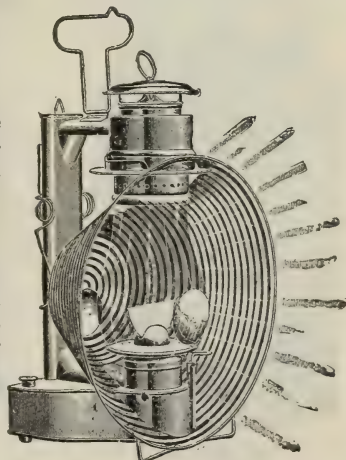
**Gem Lantern**  
Price 75 Cents



**Ham's No. 18 Diamond  
Driving Lamp**  
Black Enamelled  
Price \$2.50

These lanterns are made with oil fount of liberal capacity, from heavy steel tin plates, and carefully tested for leaks before setting up, insuring the purchaser against a trip to the tin shop before having a lantern that can be used.

Ham's Tubular "Search Light" Lantern, just the Lamp you want where a strong light is required, and to be spread over a large space, as in creameries, stables, mills, etc. Will burn out of doors as well as inside.



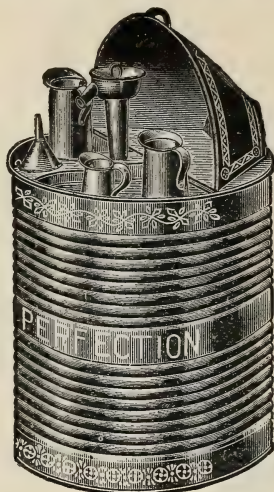
**Ham's Tubular "Search Light" Lantern**  
Price \$2.00



# OIL CANS



**MONARCH**  
5-Gallon, \$1.00



**HOME RULE**  
5-Gallon, \$1.25

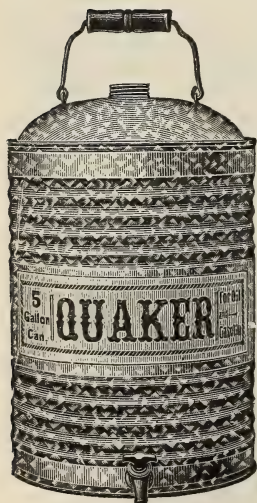
## PERFECTION OIL TANK

With steady stream pump, which can be detached and used in pumping oil from barrel into the tank. Each tank furnished with a 1-pt., 1-qt. and 2-qt. tin measure and a 1-qt. tin funnel.

Price, 60 gallon..... \$ 7.00.

Price, 106 gallon..... \$10.00.

**THESE CANS ARE ALL MADE OF HEAVY GALVANIZED IRON  
AND VERY NEATLY DECORATED**



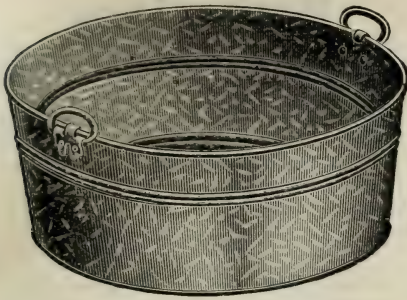
**QUAKER**  
5-Gallon, 65c



**POLO**  
1-Gallon, 25c



**COLUMBIA**  
5-Gallon, 75c



## Galvanized Iron Wash Tubs

Number	Size	Price
11.....	20½x17¼x10½	60 cents.
22.....	22¾x19½x11	70 cents.
33.....	24½x21¼x11	80 cents.

### GALVANIZED IRON KEELERS

Number	Size	Price
A.....	14½x11¾x8½	40 cents.
B.....	15½x12¾x8¾	45 cents.
O.....	18½x15x9	50 cents.

## Monitor Ash Cans

Made of Heavy Galvanized Iron With Drop Handles.

No. 5.....	18-in. diameter, 26-in. high.....	Price, \$2.50.
No. 1.....	16½-in. diameter, 27½-in. high.....	Price, \$1.50.



## Galvanized Steel Bushel Basket



### With Drop Handles

These baskets are made of refined galvanized steel and are water tight, making a very handy basket about the farm or stable.

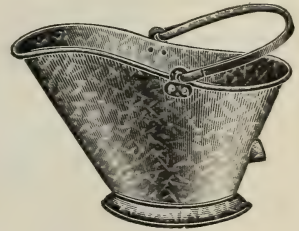
#### PRICE

One Bushel, With Drop Handles....	60 cents.
Half Bushel, With Drop Bail.....	45 cents.

## Coal Hods

Made of heavy galvanized iron. Strong and durable.

	Price.
No. 516. Regular size .....	40 cents.
No. 166. Regular size, extra heavy.....	60 cents.
No. 515. Small size .....	35 cents.



## Galvanized Garbage Cans

### With Cover and Bail

Seamless Covers Fitting Over Outside, Flat Bottom.

No. 00.....	12-in. high, 10¼-in. diameter.....	Price, \$ .75.
No. 03.....	14-in. high, 14-in. diameter.....	Price, \$1.00.
No. 30.....	heavy 15½-in. high, 14-in. diameter.....	Price, \$1.50.





# Water Pots

Made of heavy galvanized iron, will not rust and wear out as the cheap tin sprinklers do. These sprinklers have movable heads, which screw on; there is no joint in the tube and no leaking. Heads easily removed to cleanse the holes.

## PRICES

4 quart 35c	10 quart 60c
6 quart 45c	12 quart 65c
8 quart 50c	16 quart 75c

# Galvanized Water Pails

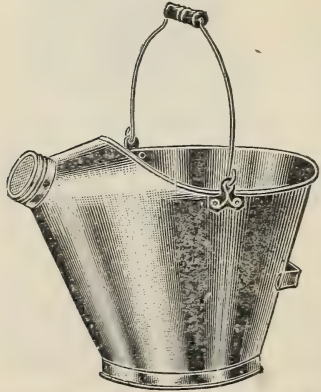


10 quart .....	25 cents.
12 quart .....	30 cents.
14 quart .....	35 cents.
14 quart, extra heavy.....	50 cents.

## MULE PAILS

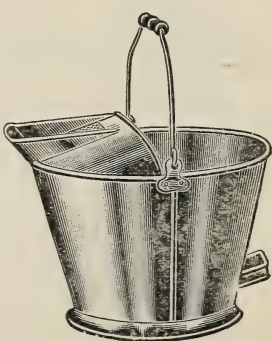
Large Top, Flaring Sides.	
16 quart .....	45 cents.

## National Strainer Milk Pail



Made extra strong, with detachable strainer.  
No. 124, 12 quart.....\$1.00

## Strainer Milk Pail



Made of heavy polished tin.  
No. 512, 12 quart, 65 cents.

## Plain Dairy Pail



10 quart.....	25 cents.
12 quart.....	30 cents.
14 quart.....	40 cents.

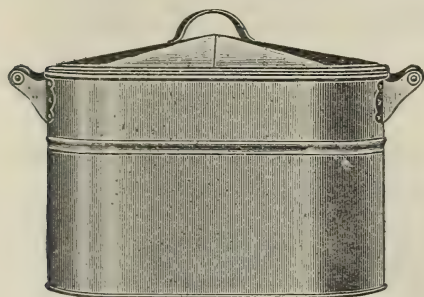
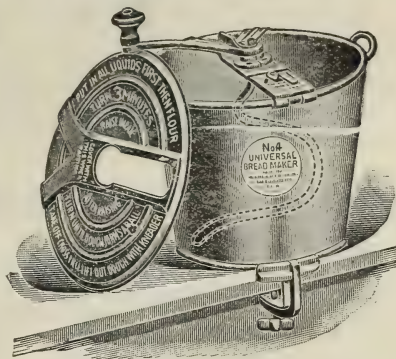
# The Universal Three-Minute Bread Maker

Bread Maker, Mixer, Kneader and  
Raiser all Combined

Made of heavy tin and sheet steel. All parts tinned. No housekeeper who has once used it will ever be content to go back to the old, laborious, disagreeable way of making bread by hand. Very simple in construction. A child can operate it. As easily cleaned as a tin pail.

## PRICES

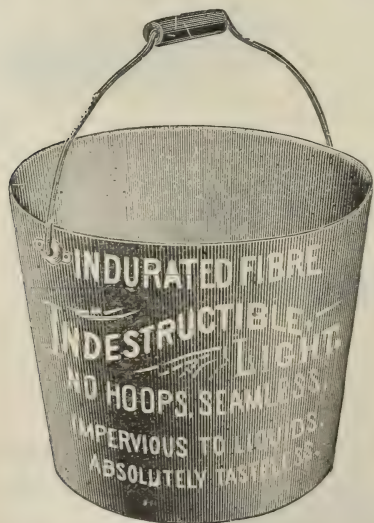
No. 2, capacity from 1 to 2 loaves.....\$1.35  
No. 4, capacity from 2 to 6 loaves.....\$2.00  
No. 8, capacity from 4 to 10 loaves.....\$2.50



## Oval Tin Wash Boilers

### PRICES

	Length	Width	Height		
No. 8	21-in.	11½-in.	13¼-in.	1xTin...	\$1.00
No. 9	22-in.	12-in.	13¼-in.	1xTin...	\$1.10
No. 8	21-in.	11½-in.	13¼-in.	1xxTin...	\$1.15
No. 9	22-in.	12-in.	13¼-in.	1xxTin...	\$1.25
No. 8	21-in.	11½-in.	13¼-in.	1xTin, with copper bottom	\$1.35
No. 9	22-in.	12-in.	13¼-in.	1xTin, with copper bottom	\$1.50
No. 9	22-in.	12-in.	13¼-in.	all copper	\$3.00



## Star Fibre Pails

12 quart .....30 cents.



## Sanitary Milk Pails

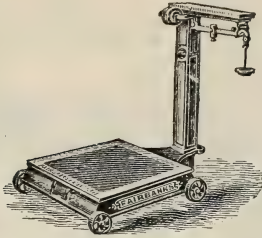
With Revolving Filter.

This is the only sanitary strainer ever invented that separates impurities from milk before going into the pail, by a series of moving pockets. It is very simple in construction and easily cleaned.

Send for Descriptive Circular.

Price ..... \$2.00.





**FAIRBANKS' PORTABLE  
PLATFORM SCALES**

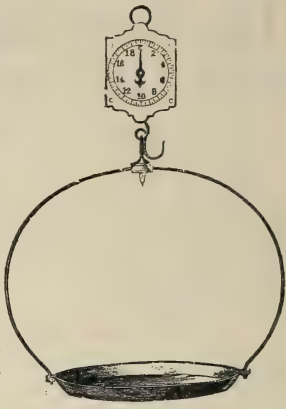
Furnished with or without wheels.  
In capacities from 400 to 2,500 pounds.  
Send for Catalogue and Prices.

**MARKET  
SCALES**

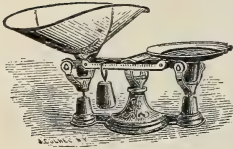
We carry a full line of these scales in stock in different patterns, with tin or porcelain pans as desired.

Prices from \$3.75 to \$8.00.

Send for catalogue of market scales.



**Grocers' Even Balance Trip Scales**



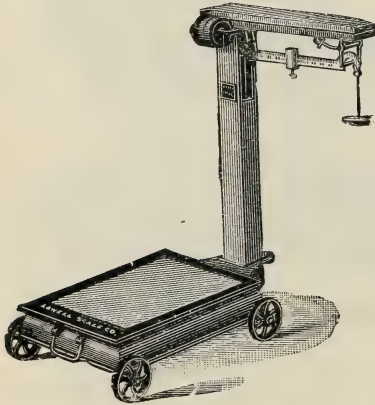
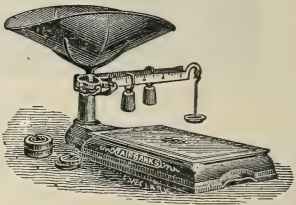
In all patterns and sizes. Furnished with agate bearing and nickel plated scoop and weights, if desired.

We carry a full line of grocers' counter scales in stock and can make prompt shipments.

**UNION SCALES**

Capacity from 1/2 ounce to 240 pounds. Finely finished with tin scoop and brass beam.

Single Beam \$4.50  
Double " 5.00

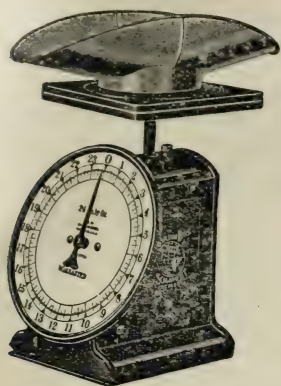


**The  
Bangor Scale**

**PRICES**

600 lb. Scale .....\$10.00.  
1,000 lb. ....\$12.00.  
Send for Descriptive Circular.

We are AGENTS FOR FAIRBANKS' complete line of scales, and can furnish anything in their line, including Hay Scales, Stock Scales, etc.  
Send for catalogue



No. 202 S.

## FAMILY SCALES

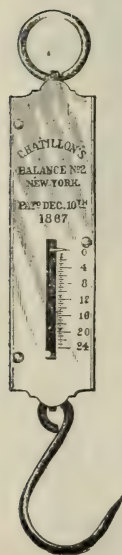
- No. 202. Finished in black enamel with white enamel straight dial with tin scoop; capacity 25 lbs. Price .....\$1.25
- No. 202, S. Same as No. 202, except that it has slanting dial. Price .....\$1.25
- No. 60, U. S. Family Scale. Finished in black enamel with white enamel dial; capacity 60 lbs. Price, without scoop .....\$2.50

## Favorite Family Scales

A large size, handsomely ornamented Family Scale. They have a large 7-inch glass covered, white enamel dial, and are furnished with a polished brass scoop 14 inches long by 7 inches wide. Very easy of adjustment to use with or without scoop as desired.

### PRICES

- No. 037 B. Capacity 10 lbs. by 1 oz. .... \$3.50.
- No. 047 B. Capacity 25 lbs. by 1 oz. .... \$3.50.

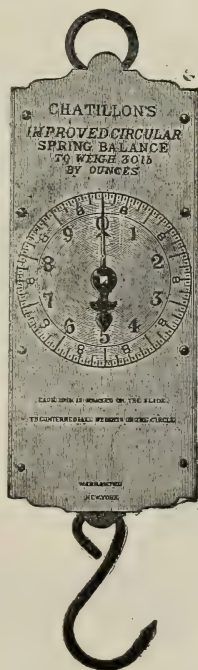


## Spring Balances

- No. 2,000.—24 lbs. by  $\frac{1}{2}$  lb. ....10c
- No. 20.—25 lbs. by  $\frac{1}{2}$  lb. ....15c
- No. 30.—50 lbs. by 1 lb. ....25c

### HIGH GRADE.

- No. 40.—25 lbs. by  $\frac{1}{2}$  lb. ....35c
- No. 50.—30 lbs. by  $\frac{1}{2}$  lb. ....45c
- No. 70.—50 lbs. by 1 lb. ....65c



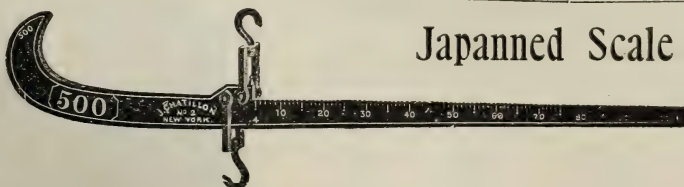
## Milk and Cream Scales

These scales are made with a loose pointer, which by means of a thumb screw on the center the pointer may be set anywhere on the dial, thus taking the tare of the milk pail, etc. They are made with the pounds divided in ounces or decimally.

### PRICES.

- No. 260 M O.  
30 lbs. by 1 oz.,  
..... \$3.25

- No. 260 M D.  
30 lbs. by 1-20  
lb. .... \$3.50



## Japanned Scale Beam

### PRICES.

- 300 lbs. ....\$1.90. 500 lbs. ....\$3.00.
- 400 lbs. ....\$2.50. 600 lbs. ....\$3.50.





# The Stoddard Churn

The Stoddard Churn is made by hand in the most thorough manner and of kiln-dried white oak. It will last for years. The principle is concussion and not friction—has no floats or paddles inside. It is easily operated, easily cleaned.

## Prices—Dairy Size

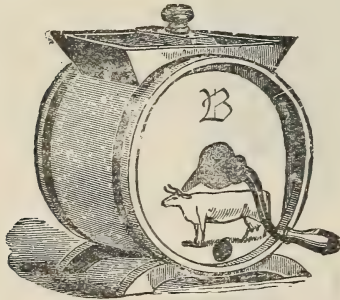
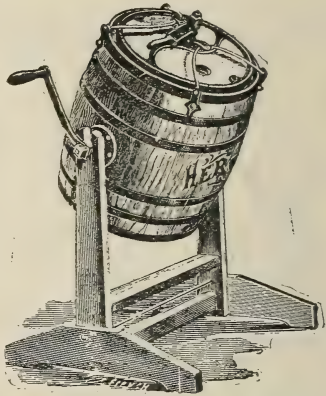
		Manuf's Price	R. B. D. & Co.'s Price
No. 1.	Churns from 1 to 4 gals. cream.	\$ 8.00	\$ 7.00
No. 2.	Churns from 2 to 7 gals. cream.	\$ 9.00	\$ 8.00
No. 3.	Churns from 3 to 9 gals. cream.	\$10.00	\$ 9.00
No. 4.	Churns from 4 to 12 gals. cream.	\$12.00	\$10.50
No. 5.	Churns from 5 to 16 gals. cream.	\$14.00	\$12.00
No. 5½.	Churns from 5 to 20 gals. cream.	\$17.00	\$14.50
No. 6.	Churns from 6 to 28 gals. cream.	\$20.00	\$17.00

# The Hero Churn

The "Hero" Churn we offer to those desiring a lower priced churn, as we believe that there is more value for the money in this churn than in any other ever brought to our notice. The churns are made of best white oak, thoroughly seasoned and kiln-dried, having galvanized iron rim in head, making it very strong. The cover fastening is very simple and efficient.

## Price List

			List Price.	R.B.D. & Co.'s Price.
No. 1.	10-gallon, Churns from 1 to 5 gals. cream,	\$9.00	\$5.40	
No. 2.	15-gallon, Churns from 1 to 7 gals. cream,	10.00	6.00	
No. 3.	20-gallon, Churns from 2 to 9 gals. cream,	11.00	6.60	
No. 4.	25-gallon, Churns from 2 to 12 gals. cream,	14.00	8.40	
No. 5.	35-gallon, Churns from 3 to 16 gals. cream,	18.00	10.80	



# Cylinder Churn

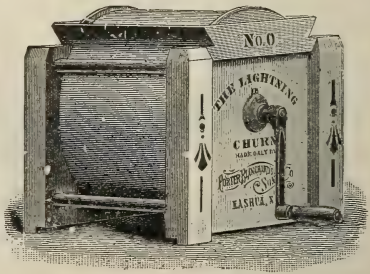
A favorite style of churn which has been in use many years.

		Manuf'r's Price	R. B. D. & Co.'s Price
No. 1, capacity	2¾ gallons.....	\$2.50	\$2.00
No. 2, capacity	4 gallons.....	\$3.00	\$2.35
No. 3, capacity	7 gallons.....	\$3.50	\$2.70
No. 4, capacity	10¼ gallons.....	\$4.00	\$3.00

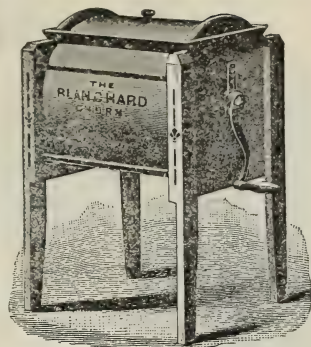
# The Lightning Churn

This has been made to supply the demand for a small, cheap churn. It is strong and durable with no parts to get out of order.

		Manuf'r's Price	R. B. D. & Co.'s Price
No. 0.....	2 gallons.....	\$3.00	\$2.35
No. 1.....	3 gallons.....	\$3.50	\$2.75
No. 2.....	4 gallons.....	\$4.00	\$3.00
No. 3.....	5 gallons.....	\$4.50	\$3.25



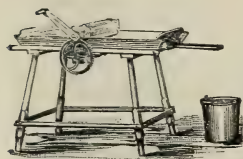
## BLANCHARD CHURN



		R. B. D. Manuf'r's & Co's	
		Prices	Prices
No. 3, for up to about	2 gallons of cream,	\$ 6.00	\$4.00
No. 4, for up to about	4 gallons of cream,	\$ 7.00	\$4.50
No. 5, for up to about	6 gallons of cream,	\$ 8.00	\$5.50
No. 6, for up to about	12 gallons of cream,	\$10.00	\$6.50
No. 7, for up to about	16 gallons of cream,	\$12.00	\$8.00

## WATERS' BUTTER WORKER

It combines more essential points than any other and recommends itself to all who examine it. It is durable, efficient, economical.



		R. B. D. & Co.'s	
		Manuf'r's Price	Price
No. 0, capacity	15 pounds.....	\$ 7.00	\$ 6.50
No. 1, capacity	30 pounds.....	\$ 8.00	\$ 7.50
No. 2, capacity	40 pounds.....	\$ 9.00	\$ 8.50
No. 3, capacity	50 pounds.....	\$10.00	\$ 9.50
No. 4, capacity	75 pounds.....	\$12.00	\$11.00

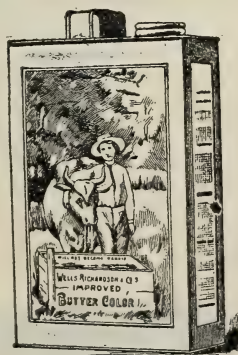
## Wells, Richardson & Co.'s Improved Butter Color

Always gives satisfaction. It is made by the aid of new and improved machinery, specially made for this purpose, thus enabling the manufacturers to use new and improved methods. It will not become rancid. It will not color the buttermilk. It gives a bright June color.

### PRICE LIST

Small size, 4 ozs., to color about 500 lbs.....	\$ .25
Medium size, 10 ozs., to color about 1,250 lbs.....	\$ .50
Large size, 24 ozs., to color about 2,800 lbs.....	\$1.00
Cans, 1 gallon each.....	\$2.50

Butter color sent by express or freight only. We do not send it by mail.



## CHAMPION MILK COOLER AND AERATOR

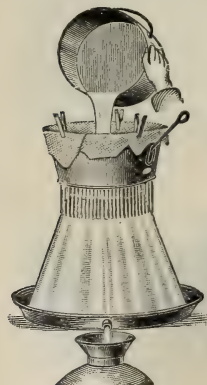
This is a perfect Aerator, removing flavors arising from excessive cabbage, turnip or silo rations.

It is a complete Deodorizer, removing the animal heat or cowy taste and all odors arising from the absorption by the milk of stable or other unpleasant gases.

It is a thorough Cooler, reducing the temperature of the milk in one minute nearly to the temperature of the cooling medium.

It is equally well adapted to the use of any cooling medium, either running water, or ice water.

Every farmer or milkman handling milk cannot afford to be without one.



No.	Capacity of Milk Receiver	Size of Dairy	Takes Care of	Manuf'r's Price	R. B. D. & Co.'s Price
2,	18 Quarts.	10 to 25 Cows,	3 Milkers,	\$7.00	\$5.60
3,	34 Quarts,	25 to 50 Cows,	5 Milkers,	\$8.00	\$6.40



# Penobscot

## Milk or Cream Cans



These cans are made of heavy tinned steel with heavy tinned iron hoops around top and bottom. They have a large neck so that the cans may be easily cleaned.

These cans are especially adapted for carrying and shipping milk or cream.

Other styles of shipping cans furnished, if desired.



5 gal. Penobscot.  
Steel Can.

### PRICES

5 gal. Penobscot Steel Can.....\$2.00.  
10 gal. Penobscot Steel Can.....\$3.00.

10 gal. Penobscot  
Steel Can.

## Parchment Butter Paper

### For Wrapping and Covering Butter

Better, Cheaper and More Convenient to Use  
Than Ordinary Muslin.

Price 15 Cents Per Pound

## BUTTER LADLE



Price 15 Cents

# SMALL'S CALF FEEDER



For feeding milk to young calves in a natural way before they are old enough to eat and drink otherwise.

## Gives Universal Satisfaction

Manufacturer's Price .....\$2.50.

R. B. D. & Co.'s Price .....\$2.00.

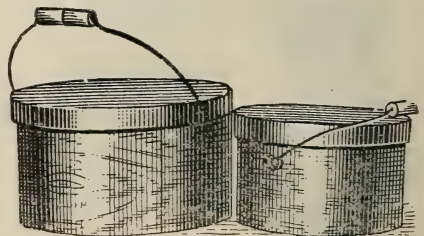
Extra Nipples, 25 cents each.

## BUTTER BOXES

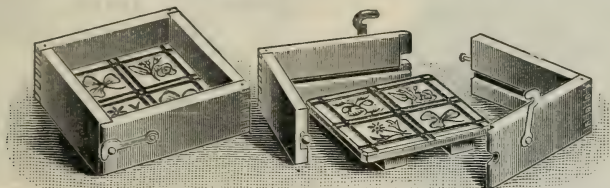
Oak With Wire Bail.

Four Quart Size .....\$ .30.

Eight Quart Size.....\$ .40.



# The Blanchard Butter Mold

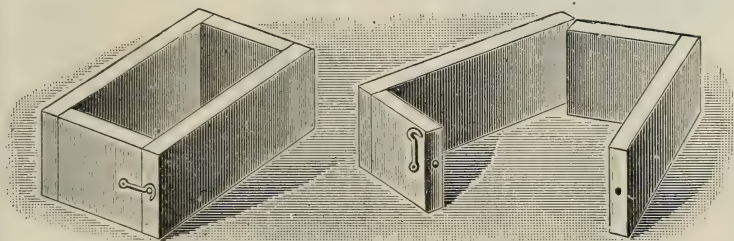


These molds are carefully made of clear white birch and only brass hooks and screws are used throughout, so that there is no possibility of rust and consequent discoloration of the wood. The ornamentation is done by special machinery, and when desired initial is substituted at a slight advance in cost. Each division on face of mold represents one-quarter pound of butter.

## PRICE

½ Pound	.....\$ .85.	By mail, postage paid.....\$1.00.
1 Pound	.....\$1.00.	By mail, postage paid.....\$1.25.
2 Pound	.....\$1.50.	By mail, postage paid.....\$1.75.

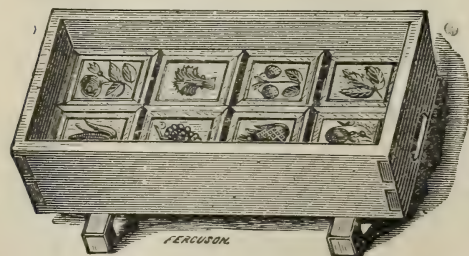
# The "Simplex" Butter Mold



This is a favorite style of Butter Mold, being simple, cheap and substantial and leaves the butter in one of the most convenient forms for handling. Holds one pound of butter.

## PRICE

Dovetailed Corners	.....25 cents.	By mail, postage paid.....35 cents.
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## Combination Butter Prints

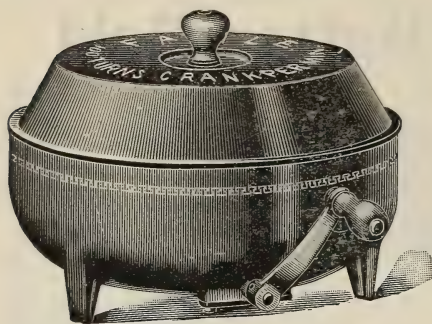
The demand for the Combination Butter Print has largely increased during the past few years, the average dairyman being more particular about the appearance of his butter.

The cut here shown represents No. 6 print in its mold, which holds two pounds and is divided into eight cakes, one-fourth each.

No. of Print	No. of Cake	Capacity of Molds in lbs.	Capacity of Each Cake in ounces	Dimensions of Molds in inches	Dimensions of Each Cake	Price
2	4	2	8	11x3¾	3¾x2¾	\$3.75
3	4	2	8	12x3	3x3	\$3.75
4	4	1	4	4½x5	2¼x2½	\$3.50
5	4	1	4	10x2½	2½x2½	\$3.75
6	8	2	4	10x4½	2¼x2½	\$4.50
10	24	1½	1	10x4	1¼x1 1-8	\$5.25
12	8	4	8	11x5	2¾x2½	\$4.50

Prints engraved to order with any design, initial or monogram, without extra charge.





## The "Facile"

### IMPROVED IRON FRAME, HAND BABCOCK TESTER

Handsome cast iron case and cover, cut spur, and worm gearing, malleable iron bottle carrier, seamless brass swinging pockets for holding test bottles, enclosed gearing, bottles perfectly horizontal when rotating, turns easily and runs smoothly and noiselessly at a very high speed.

Write for Circulars and Prices



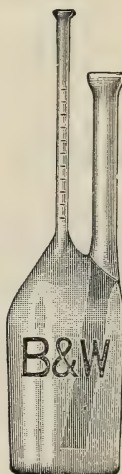
Milk  
Bottle.



Connecticut  
Cream Bottle.



Milk  
Pipette.



Ohlsson Skim  
Milk Bottle.



Acid  
Measure.

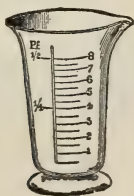


Floating  
Dairy



Flange  
Dairy

### Extract Measures.



#### Price List.

4 ounces,	.	.	.	40 cents.
8 ounces,	.	.	.	55 cents.
12 ounces,	.	.	.	65 cents.
16 ounces,	.	.	.	90 cents.

## Price List

	Each.
Babcock Milk Test Bottles.....	\$ .20
"    Cream Bottles (30 per cent.)...	\$ .30
"    Cream Bottles (40 per cent.)...	\$ .30
"    Cream Bottles (50 per cent.)...	\$ .35
Ohlsson Skim Milk Bottles.....	\$ .75
Wagner Skim Milk Bottles.....	\$ .75
Milk Pipette 17, 6 c. c. ....	\$ .25
Cream Pipette 18, c. c. ....	\$ .25
Acid Measures .....	\$ .20
Floating Dairy Thermometers .....	\$ .25
Flange Dairy Thermometers .....	\$ .25

If sent by mail add 5 cents for postage.

## MILK OR CREAM BOTTLES

CLIMAX TIN TOP

Per Doz.

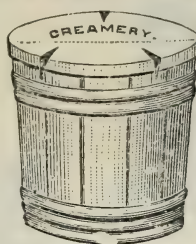
1 Half-pint .....	\$ .65
1 Pint .....	\$ .80
1 Quart .....	\$ .90
3 Pint .....	\$1.35
2 Quart .....	\$1.60

Special prices made on these bottles in case lots.

Special prices made to milkmen.

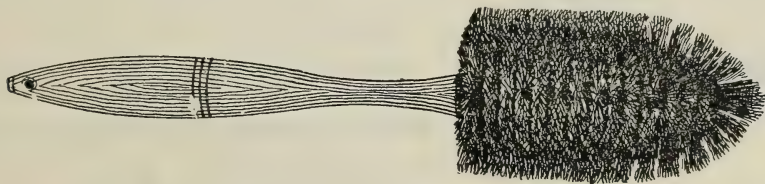


## BUTTER TUBS



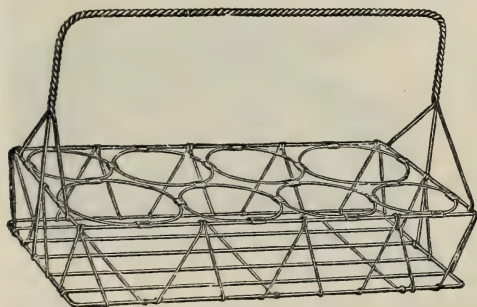
### PRICE LIST

10 Pound Tub.....	\$ .20.
20 Pound Tub.....	\$ .25.
30 Pound Tub.....	\$ .35.
50 Pound Tub.....	\$ .40.



## MILK BOTTLE BRUSHES

Price 25 Cents



## Milk Bottle Carriers

6 Pints .....	\$ .60.
4 Quarts .....	\$ .60.
8 Quarts .....	\$ .85.
4-2 Quarts .....	\$ .90.

## THREE RING STRICTURE CUTTER FOR COW TEATS



Sure remedy for hard-milkers.

Price, postpaid .....\$1.50.

## Milk Fever Apparatus



The latest improved outfit for the treatment of this fatal malady. A cheap, portable, non-destructible apparatus, for use in cases of Milk Fever, reducing the mortality to almost zero.

Price \$3 50

## MILKING TUBES



Self retaining.

Price, postpaid.....25 cents.





## The DeLaval Separators

The simplest, easiest running, most durable cream separator ever put on the market. Saves 10 per cent. to 50 per cent. in skimming. Saves 5 per cent. to 10 per cent. in churning. Saves time and labor. Saves ice and water. Saves \$10 per cow, per year.

Send for Descriptive Catalogue and Prices

## The Blanchard Print Butter Carrier

This Carrier is designed more especially for the use of dairymen who deliver their butter directly to the consumer, though they are largely used for express shipments, and are substantially made so as to withstand considerable rough treatment. The trimmings are japanned throughout; the covers are strongly cleated and hinged; the corners are dovetailed; the finish first-class.



No. 6½,	capacity 12 lbs., holds 3 trays, each 10½x9¼ inches, 1⅝ inches deep.....	\$2.00
No. 7,	capacity 16 lbs., holds 4 trays, each 10½x9¼ inches, 1⅝ inches deep.....	\$2.25
No. 8,	capacity 24 lbs., holds 4 trays, each 10½x13¾ inches, 1⅝ inches deep.....	\$2.50
No. 9,	capacity 32 lbs., holds 4 trays, each 10½x18½ inches, 1⅝ inches deep.....	\$2.75
No. 10,	capacity 40 lbs., holds 5 trays, each 10½x18½ inches, 1⅝ inches deep.....	\$3.25
No. 11,	capacity 48 lbs., holds 6 trays, each 10½x18½ inches, 1⅝ inches deep.....	\$3.75

## Cooper's Sheep Dipping Powder

The best known preparation for destroying ticks on sheep, stopping the fly, preventing and curing the scab, promoting the growth of wool and improving the appearance and condition of the flock.

Price per packet..... 50 Cents

Will make 25 gallons of wash.

# DAIRY COWS NEED

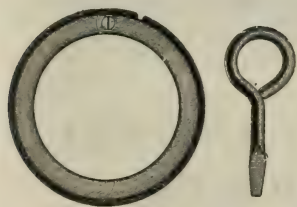


## KOW = KURE

THE GREAT COW MEDICINE  
FOR COWS ONLY

It cures scours, removes bunches from the bag, prevents cows from losing their calves, gets barren cows with calf, and makes a strong appetite and perfect digestion that produces a larger flow of richer milk. Kow-Kure has stood the test of ten years and is a complete success.

Price 50c and \$1.00

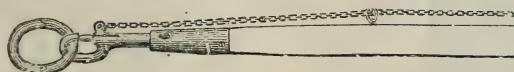


## BULL RINGS

Polished Copper

No. 20.	2-inch	.....	20 cents.
No. 20½.	2¼-inch	.....	25 cents.
No. 21.	2½-inch	.....	25 cents.
No. 22.	3-inch	.....	30 cents.

## BULL SNAPS



Complete with chain, no handle.....Price, 50 cents.  
This price does not include the Bull ring.

## New England Root and Vegetable Cutter

This machine is made with a wrought shaft with sections of knives fastened to it and arranged so that a rotation of knives is continually passing a bed knife with cross knives passing between the section of knives; cutting always near the center shaft, making it cut easy and fine enough for cattle or sheep; also making a very regular cut. It will cut one bushel of roots per minute.

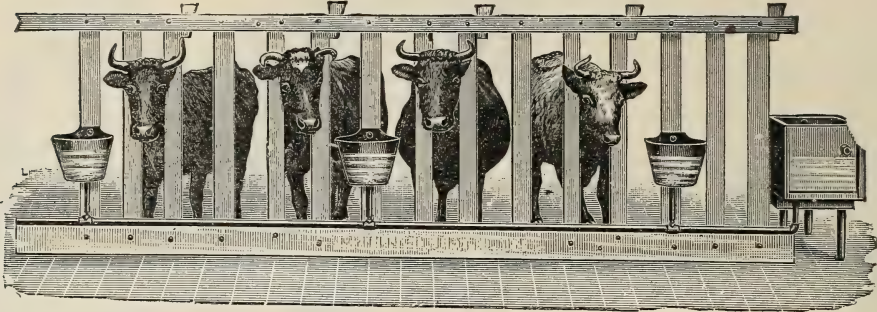
Price \$6.00





# Buckley's Patent Watering Device

FOR WATERING STOCK IN STABLE



Water in the stable is a necessity for the proper caring of the stock; it should be of suitable temperature, and the stock should have constant access to it.

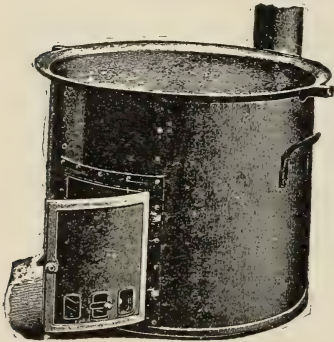
This is the most practical and economical device for watering cattle in the stable. The iron basins can be kept clean much easier than any form of wooden troughs and there is nothing to wear or rot out.

The check valve at the bottom of each basin prevents clogging of pipes because no hay, meal or other substances can be drawn into them. It also greatly prevents the spread of contagious disease, as the supply of each basin is drawn directly from the main reservoir.

Water from a spring or reservoir is piped into a small tank, and the level of water in the basins is controlled automatically by a float valve on an overflow in this tank.

**PRICE.**

Stanchion Basins, with brass valve seat and aluminum valve .....\$1.50 each



## BOILER AND FEED COOKER

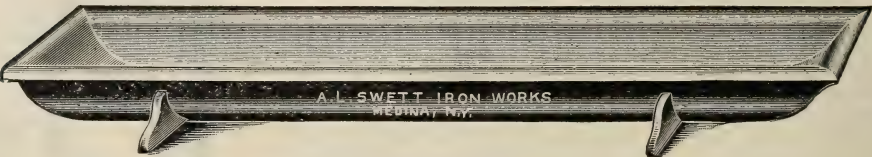
This Feed Cooker is so constructed as to get the best possible results from a small amount of fuel. The kettle is of very smooth cast iron, and can be removed from the casing instantly.

The casing or jacket is cold rolled steel.

**PRICES**

33 Gallon .....	\$12.00.
53 Gallon .....	\$15.00.
75 Gallon .....	\$20.00.

## Cast Iron Pig Trough



**PRICES**

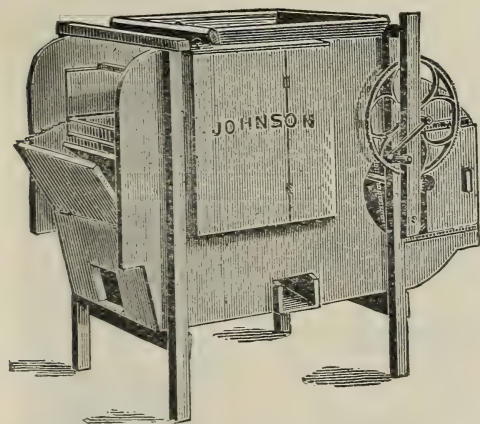
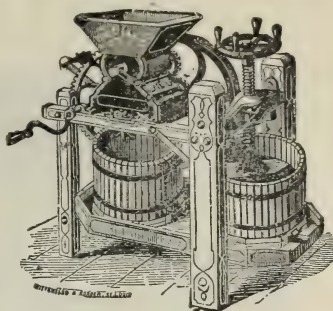
Three Feet Long, Twelve Inches Wide.....	\$3.00
Four Feet Long, Twelve Inches Wide.....	\$4.00
Five Feet Long, Twelve Inches Wide.....	\$5.00

## CIDER MILLS

Several improvements have been added, such as New Hopper, the Rolls made longer and larger in diameter. New adjustable Crusher or Breaker Roll, which increases the capacity. Grinds the fruit coarse or fine as the grinders are adjustable.

### PRICES.

No. 3.	Large size .....	\$22.00
No. 2.	Medium size .....	\$17.00
No. 1.	Small size .....	\$13.00



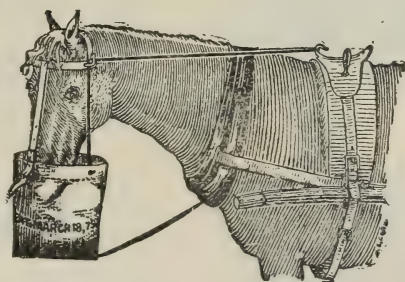
## The Johnson Fan MILL

The Fan Mill is indispensable to a well regulated Grain Barn. This mill runs the sound, clean grain to one side of the Mill, while the sand and small seeds pass out at the other, and the heavy chaff and heads are caught in a receptacle behind the machine. It will not only clean grain, but also grass seeds in the best manner.

**Price \$17.00**



## FEED BAGS



Whitaker's Favorite Feed Bags....85c each.  
Whitaker's B. O. Feed Bags.....75c each.

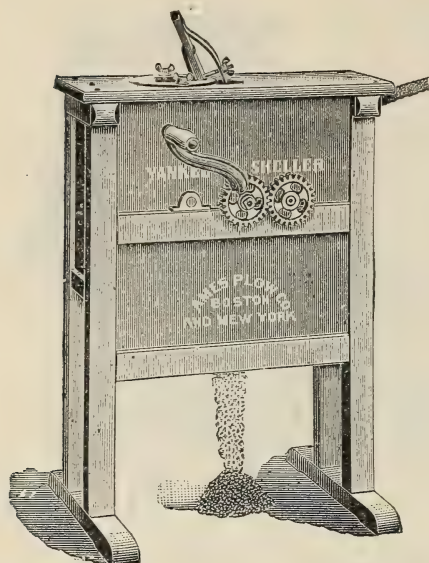
## Rich's Patent Lever Feed Cutter

This iron handle lever cutter is so simple and easy to work as to commend it to everybody who has but a moderate amount of stock to feed. The knife is easy to adjust and keep in repair.

**Prices from \$4.00 to \$6.00**



## YANKEE HAND CORN SHELLER Style A.



With Balance Wheel and Separator.

This corn sheller is especially designed to meet the wants of the farmer.

The materials used in construction are selected for the purpose, and shellers are made and finished in a thorough manner.

It has a capacity of from 20 to 25 bushels per hour.

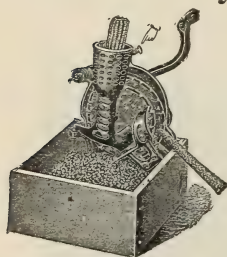
The balance wheel is on the outside of the machine and adds momentum to it.

The separator separates the shelled corn from the cobs without breaking the cobs.

### PRICE

Style A with balance wheel and separator .....\$8.50

## Yankee Corn Sheller Style P.

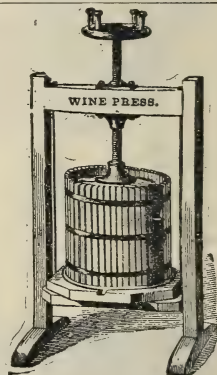


This is the best and most popular corn sheller made. Made largely of malleable iron and very easily adjusted. Can be fastened to any box securely and quickly. Will shell perfectly clean and always throw out cobs. Can be easily run by a child.

### PRICE.

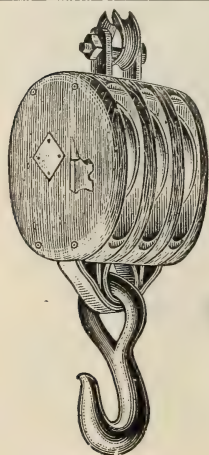
Style P .....\$2.50

## Wine and Lard Presses



No. 1 .....\$5.00.

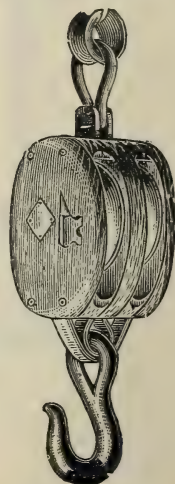
No. 2 .....\$6.00.



## TACKLE BLOCKS

We carry a full line of blocks both in Common Iron Bushed and in the Patent Roller Bushed Sheaves.

Write for Prices.



# HYDRATED LIME

This Lime is specially prepared for use in making Bordeaux Mixture and is being extensively used for that purpose.

Much better results may be obtained from the use of this lime than from the ordinary lime, from the fact that no further slaking or screening is necessary, hence clogging of the sprayer is overcome by its use.

The following has been found to be the most satisfactory formula for making Bordeaux Mixture: Six pounds prepared lime, five pounds copper sulphate and 50 gallons of water.

Prepared Lime is in a powdered form and put up in forty pound paper bags.

Price, per pound ..... 2 cents.

Price, per 40 pound paper bag.....40 cents.

## Lion Brand Bordeaux Mixture



This mixture is a scientific preparation and combined in a manner heretofore unknown, thus enabling the manufacturer to place it on the market in a practical and usable shape, as by simply adding water and stirring, it is ready for use.

One gallon will make 50 gallons by the addition of 49 gallons of water. Actual cost to you when ready for use 2 cents per gallon.

**It Prevents Potato Rot, Potato Blight, Downy Mildew  
and Anthracnose of Grape, Peach, Pear  
and Cherry Blight, Etc.**

1 Gallon Can, \$1.00.

1 Quart Can, 40 cents.

## Lion Brand Powdered Hellebore

**Strictly Pure**

For destroying Rose Slugs, Currant Worms and Insects on Berries, Bushes, Plants, Shrubs, etc.

1-lb. Package, 30c. ½-lb. Package, 17c. ¼-lb. Package, 10c.

If sent by mail, 16 cents per pound extra.



**Sherwin-Williams**

**Strictly Pure Paris Green**

For destroying Potato Bugs, etc. In one pound boxes.

We also carry a good stock of Reynold's Paris green.

Write for Prices.

## TROWBRIDGE'S GRAFTING WAX

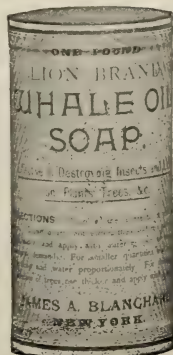
This is a standard brand of grafting wax and is highly recommended by all who have used it. Put up in convenient packages of 1-lb., ½-lb. and ¼-lb. 1-lb. package, 25c.; ½-lb. package, 15c.; ¼-lb. package, 10c. If sent by mail, 16 cents per pound extra.

## COPPER SULPHATE

For Making Bordeaux Mixture. Write for Price.

## WHALE OIL SOAP

Makes an excellent wash for Trees, Rose Bushes and Plants, destroys insects and their eggs. Price Per Pound, 15 Cents.





# BUG DEATH

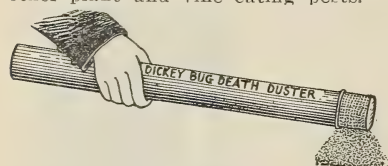


Pat. March 16 and Nov. 9, 1897.

Pat. in Canada Nov. 2, 1897.

**No other agent can do this.** Bug Death must be the reliance of the fruit grower, who by spraying seeks after perfect fruit.  
**Bug Death costs you nothing.** The increased yield and improved quality more than pays the expense. A perfectly, sure, safe and effective insecticide.

Bug Death kills the potato squash and cucumber bug, currant and tomato worm, also other plant and vine eating pests.



Dickey Duster

## IF USED DRY

Apply with Dickey Bug Death Duster or a cloth bag of right mesh; 12½ to 25 lbs. per acre per application. The more freely used the better the plant will thrive. Dust plant evenly and thoroughly.

## PRICE LIST

One Pound Package.....	\$ .15.	Twelve and One-half Pound Package..	\$1.00.
Three Pound Package.....	\$ .35.	One Hundred Pound Package.....	\$7.50.
Five Pound Package.....	\$ .50.	Dickey Duster .....	\$ .25.

Send for Circular giving full directions for using Bug Death.

# ENGLISH BUG COMPOUND

## A BUG KILLING WONDER

A safe, sure and cheap insecticide for destroying the pests, which attack Potato Vines, Cabbages, Squash, Cucumber, Melons, Tobacco, Currant, Rose Bushes (Chafer), Pear, Cherry, Plum, or Quince Slug, Grapevine, Flea Beetle, Raspberry, Gooseberry, Small Shrubs, or for killing any coleopterous Bug whatever.

English Bug Compound kills every coleopterous insect known. It is a combination of chemical poison and fertilizers, mechanically incorporated in a manner that prevents loss of strength by evaporation or by age. It is a dark, gray colored, flour fine powder, and its application to the afflicted plant, kills the bugs at once and promotes the growth when the insects are destroyed.

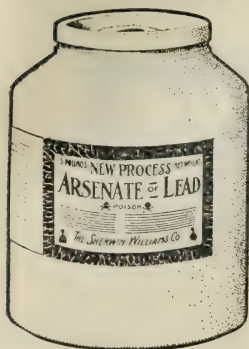
It is an established fact that a Paris Green water mixture produces a lifeless, soggy potato; while the use of English Bug Compound (at a great ultimate saving) brings forth a healthy, hardy, nutritious vegetable. The smallest grain acts as a deadly poison to the bugs and is food and drink to the vine. The extreme fineness allows a most thorough distribution and the smallest quantity will spread itself over a large space.

Send for circular showing testimonials from some of the prominent farmers who have used English Bug Compound. We sold a carload of these goods last year, and found them very satisfactory. English Bug Compound does not burn or injure the vine, and is sure death to the bugs.

## Price

Per pound .....	\$ .04.
Per 100 pounds .....	\$3.00.

# SHERWIN-WILLIAMS NEW PROCESS ARSENATE OF LEAD



(IN PASTE FORM)

Sherwin-Williams New Process Arsenate of Lead has many advantages over all other arsenical insecticides. It has an advantage over Paris Green, in that it remains in suspension when prepared for use for a longer time and because of its adhesiveness it will stick to the foliage for the longest possible time. It is absolutely harmless to foliage, and as it contains practically no water soluble arsenic, it is the only material of this character that can be applied with safety at the proper strength to the foliage of peach trees.

Arsenate of Lead should be used in proportions varying from one to six pounds of Arsenate of Lead to 50 gallons of water, the quantity of poison being dependent upon the particular leaf-eating insect that it is desired to destroy.

Put up in 1 lb. glass jars; 5 lb., 12½ lb., 25 lb. and 50 lb. wood pails and 100 lb. wood kegs.

Write for prices.

**FLOUR OF SULPHUR** Used to prevent mildew in grape vines, plants, etc. Valuable to use about the stable and poultry house.  
Price, per pound, 5 cents; per 100 lbs. .... \$4.50.

## SULPHO-TOBACCO SOAP

A Wonderful and Inexpensive Insecticide

**Sulpho-Tobacco Soap** is a powerful agent for the destruction of all bugs and insects. One or two applications will rid plants of the pests. Full directions with each cake.

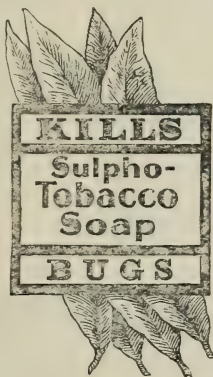
Destroys cabbage-, squash- and potato-bugs, currant-worms, lice, green-fly, mealy bug, red spider, etc. Sure death to all plant insects indoors and out-of-doors. Of special value for spraying shrubs, fruit-trees and vines.

3-oz. Cake makes 1½ gallons prepared solution. 10 cents.  
Mailed, postpaid, for 13 cents.

8-oz. Cake makes 4 gallons prepared solution. 20 cents.  
Mailed, postpaid, for 28 cents.

10-lb. Cake makes 80 gallons prepared solution. By Express, \$3.00.

Free with every order, "The Window Garden," a booklet by Eben E. Rexford, giving valuable information on the cultivation of plants and the extermination of insects.



## KNOX-EM-ALL

**FLY OIL. THE BEST THING ON  
THE MARKET**

For ridding Horses and Cattle of flies and all insect pests. And Poultry of lice and mites. Gad flies will not work on Sheep and they will not have Grub in the head. Inoffensive and harmless to persons and stock. Deadly to flies and lice. One hundred per cent. more lasting in effect than any other kinds.

Contains no fish oil or other objectionable ingredient. Can be used freely on Cows' Bags without inconvenience to milker or injury to the milk.



Cows give more milk and pay \$8 to \$10 per head more during the season at a cost of about 50 cents per cow. It can be used on horses without gumming or otherwise injuring the hair, and affords instant relief, making them thrive and drive better.

Directions:—For flies apply freely with a good sprayer. For lice spray the roosts, nests, and all places where vermin find lodgment, including the poultry when on the roosts.

Price, per gallon, 60 cents



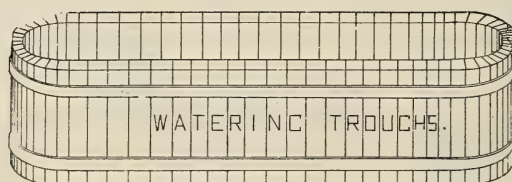


We carry a full line of SHERWIN-WILLIAMS PAINTS.

House Paint,	Bath Enamel,
Family Paint,	Stove Pipe Enamel,
Floor Paint,	Aluminum Paint,
Roof Paint,	Varnish Stain,
Buggy Paint,	Oil Stain,
Wagon Paint,	Floor Varnish,
Enamel Paint,	Floor Wax,
Screen Enamel,	Crack and Seam Filler.

SHERWIN-WILLIAMS VARNISHES.

## WATERING TROUGHS



These Watering Troughs are made of 2-inch selected White Pine, 2 feet wide, 2 feet high, outside measure. They are perfectly tight and very durable. They are the cheapest and best style of Watering Troughs on the market. Made in any length.

Price, \$1.50 per foot in length.

## Cow Tail Holder and Milk Protector



A necessity to every progressive dairyman, who wants to keep his clothes and milk clean, as the tail is held by the patent spring that allows no switching of the tail.

It is made of spring steel and copper and will last a lifetime.

By pressing on the clamp, it is easily adjusted, as well as released, and always ready for use, as it is attached to the ceiling one foot back of the cow by a two-foot chain, and cannot be carried out into the pasture by the cow.

Price, postpaid .....10 cents each.

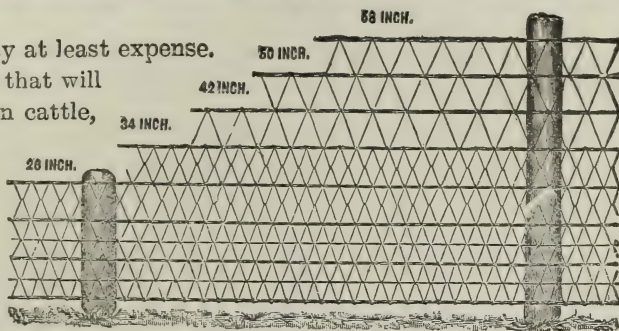
# AGENCY FOR THE

# ELLWOOD <sup>ALL STEEL</sup> woven FIELD FENCE,

## POULTRY AND RABBIT FENCE, LAWN FENCE AND CRIB FENCE.

Absolute efficiency at least expense.

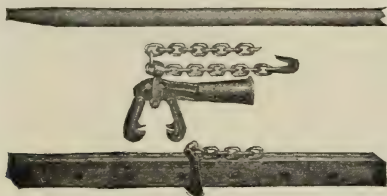
A practical fence that will positively turn cattle, horses, hogs and pigs. A fence that is strong, practically everlasting, proven thoroughly efficient under every possible condition.



ELLWOOD FIELD FENCE (Standard Style).

**EVERY ROD OF ELLWOOD FENCE IS GUARANTEED.**

If you want your fencing problems satisfactorily solved, call and see the **ELLWOOD FENCE** and let us show you for how little money you can get absolute satisfaction.



### THE LOTT STRETCHER

For Stretching Woven Wire Fence.

A very safe, rapid, powerful and durable stretcher.

This stretcher is operated with a long lever and is very simple and easy to operate.

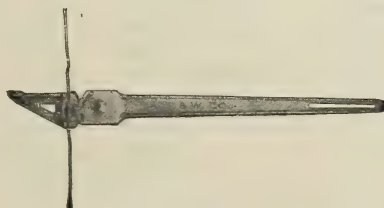
Price, without lever.....\$4.50.



### WIRE SPLICERS

Necessary and convenient for splicing wire in woven wire fence or elsewhere. Inexpensive and does the work well.

Price .....10 cents each.



### A. S. & W. SINGLE WIRE STRETCHER

A very practical, single wire stretcher and gives the best of satisfaction wherever used.

It does not injure the wire, but has a grip that never slips.

It is all metal and will work in any position.

Price .....\$1.00.

### AMERICAN FENCE TOOL



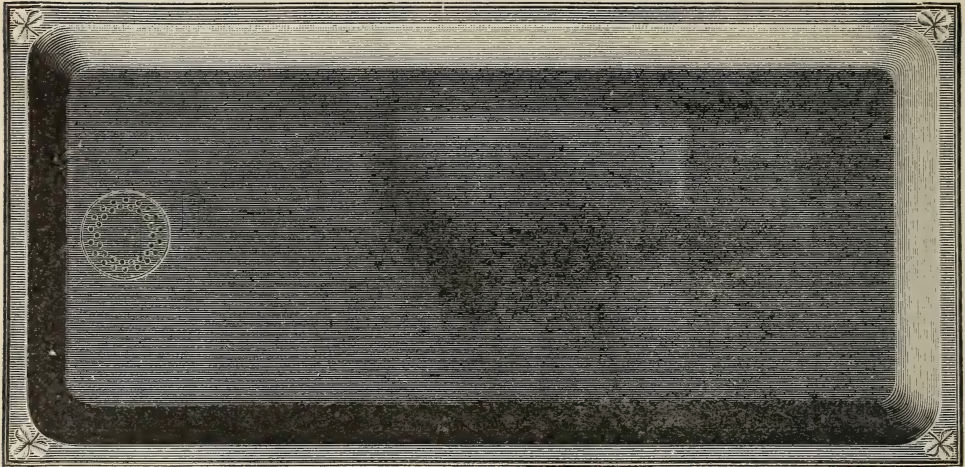
A very convenient tool made of fine steel, especially adapted to fence building purposes. It is a staple puller, hammer, cutter, plier, etc.

Price .....\$1.00.



# CAST IRON SINKS

## CLOVER LEAF PATTERN

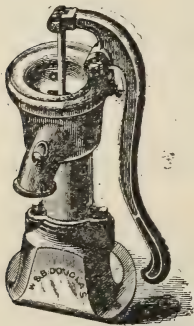


This superior sink is recognized and endorsed by builders and plumbers as the best. It is heavy, strong, straight, and has a most perfect surface. The edge is furnished with a raised bead which adds to the neatness and prevents wetting the outside finish. It will drain to the cesspool end if set level.

### SIZES AND PRICES

Length	width	Depth	Price
2 feet.....	16 inches.....	4½ inches.....	\$2.00
2½ feet.....	18 inches.....	5 inches.....	\$2.25
3 feet.....	20½ inches.....	5 inches.....	\$2.50
3½ feet.....	22 inches.....	5 inches.....	\$3.00
4 feet.....	24 inches.....	5 inches.....	\$4.00
4½ feet.....	24 inches.....	5 inches.....	\$5.00
5 feet.....	24 inches.....	5 inches.....	\$6.00

# HOUSE PUMPS



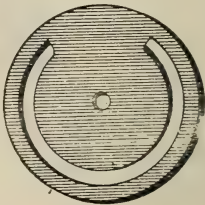
We carry a complete line of cistern and pitcher pumps, outdoor pumps, force pumps, wind-mill pumps, etc.

Send for our catalogue on pumps and water supplies.

# PUMP

## LEATHERS

We carry a complete line of leathers for all styles of pumps.



## PUMPS

### BARNES "JUPITER" DOUBLE-ACTING FORCE PUMP

With Reversible Air Chamber and Malleable Iron Lever.



Fig. 13A

Fig. 13 A shows our New Improved "Jupiter" Double-Acting Force Pump, which is especially adapted for elevating water from cisterns to tanks in upper stories of residences, and is much more reliable than any water motor ever made, as it can be depended upon at all times. It is also used largely for cleaning and filling boilers and for fire protection, or can be used as a deck pump and many other purposes. All sizes fitted with our New Improved Brass Valves. Brass plugs are provided for draining cylinder to prevent freezing, and also for priming when necessary. The air chamber can be reversed so that discharge may be used on either side. The suction and discharge are always fitted for iron pipe unless otherwise ordered, but can be fitted for hose or lead pipe if specified.

All Brass Pumps, for pumping acids, furnished to order.

#### SIZES AND PRICES—FIG. 13A

Number	Diameter Cylinder Inches	Stroke Inches	Suction Inches	Discharge Inches	List Price	Brass Lined Cylinder
						Retail Price
1,	2½,	5,	1¼,	1,	\$18.00	\$12.00
2,	3,	5,	1¼,	1¼,	\$21.00	\$14.00

### PLUMBERS' FORCE PUMP



Fig. 14A

Fig. 14 A represents a very effective force pump, weighing only about eight pounds. It can be carried about anywhere without the least difficulty. It is adapted for spraying fruit trees, washing windows, wagons, sprinkling lawns, conservatories, gardens, and for incipient fires. With each pump is sent suction and discharge hose connected, so that it requires no labor to put in immediate operation. Longer length of hose can be furnished, if desired. Pump has brass cylinder, plunger and rod.

#### SIZE AND PRICES—FIG. 14A

	List Price	Retail Price
Fitted with 2½ feet, ¾-inch suction and 3 feet, ¾-inch discharge hose, brass discharge pipe and sprinkler.....	\$9.00	\$6.00
Extra for conical tip to use in forcing out pipes, net.....	\$1.00	\$.50
Send for catalogue of pumps, water supplies, windmills, etc.		



# Cucumber Wood Pumps

In the manufacture of these none but the very best of material is used. Every pump is warranted to give perfect satisfaction.

## PRICE LIST

Porcelain Lined. Made from 6x6-inch stock,  
3½-inch bore, for general use.

	Manuf'r's Price	R. B. D. & Co.'s Price
6 feet long .....	\$ 7.00	\$3.85
7 feet long .....	\$ 7.60	\$4.15
8 feet long .....	\$ 8.20	\$4.50
10 feet long .....	\$ 9.40	\$5.10
12 feet long .....	\$10.60	\$5.75
14 feet long .....	\$11.80	\$6.40

## UNLINED

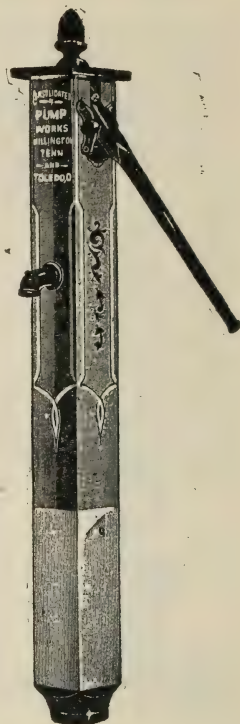
7 feet long .....	\$ 6.10	\$3.35
8 feet long .....	\$ 6.70	\$3.65
4x4-inch pipe for above pumps, per ft. .	.21	.13
Couplings and bands.....	.50	.30

## LARGE STOCK PUMP

Porcelain Lined. 8x8-inch stock, 4½-inch bore.

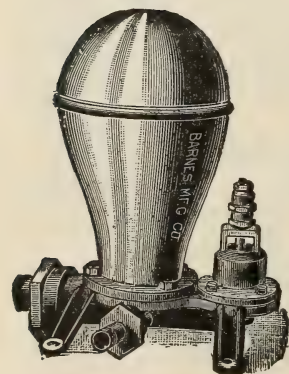
	Manuf'r's Price	R. B. D. & Co.'s Price
7 feet long .....	\$11.50	\$6.90
8 feet long .....	\$12.50	\$7.50
10 feet long .....	\$14.50	\$8.70
5x5-inch pipe for pumps, per ft. ....	.40	.25
Couplings and bands.....	.60	.36

Prices on Extra Length Pumps for deep wells  
furnished on application.



# Hydraulic Ram

For Supplying Dwellings, Factories, Stock Yards, Etc.  
with Running Water



N. B.—Length of the drive or supply pipe should not be less than three-quarters of the height to which the water is to be raised, or five times the height of supply; it may, however, be longer.

## SIZES AND PRICES

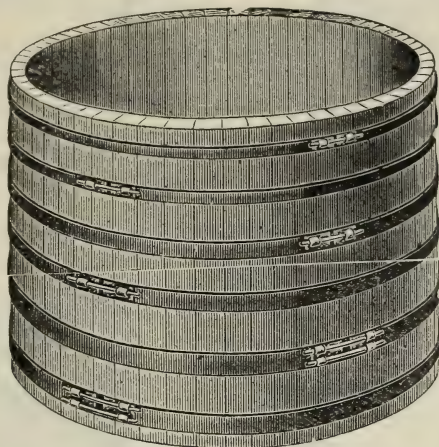
—Calibre of Pipes—

No.	Drive Inches	Discharge Inches	Manuf'r's Price	R. B. D. & Co.'s Price
2	¾	½	\$ 9.00	\$ 7.50
3	1	¾	\$ 11.00	\$ 9.00
4	1¼	¾	\$ 14.00	\$ 11.00
5	2	1	\$ 22.00	\$ 17.00
6	2½	1¼	\$ 40.00	\$ 32.00
7	3	1½	\$ 75.00	\$ 60.00
8	4	2	\$125.00	\$100.00

Send for Catalogue of Pumps, Water Supplies,  
Windmills, Etc.

# ROUND TANKS

Cypress  
White Pine  
and  
White Cedar  
✻  
Fitted With  
Patent Draw Lugs



Made of  
Two-Inch  
Lumber  
✻  
Guaranteed not to  
leak if properly  
set up

MADE IN ALL SIZES. WRITE FOR PRICES



## The "Globe" Rubber Bucket Chain Pump

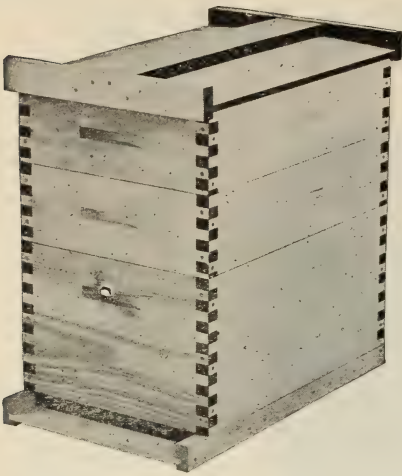
These pumps are constructed in the most thorough manner and of the best material obtainable.

### PRICE LIST

Globe Pump Curbs .....	\$2.00
Chain Pump Tubing, per ft.....	\$.05
Galvanized Pump Chain, per ft.....	\$.04
Rubber Buckets, per set of three.....	\$.45

In wells 20 feet deep, or over, it is better to use four rubber buckets instead of three.





# BEE KEEPERS' SUPPLIES

## The Dovetailed Hive

The Dovetailed Hive is taking the lead of the single walled hives, as it contains many of the most desirable features of the various hives for the rapid handling of bees and is one of the cheapest hives manufactured.

It is dovetailed together as shown in cut and that is what gives it its name.

We carry these hives in both eight and ten frame, fitted with two supers. Write for Prices.

We carry bee hives in the flat only.

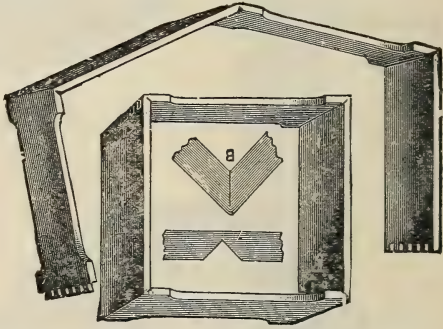
## One Piece Section-Honey Boxes

These sections are made from selected white basswood and are sand papered and rubbed to a smooth, high polish. We carry nothing but No. 1 sections in stock and are put up in boxes containing 500 each.

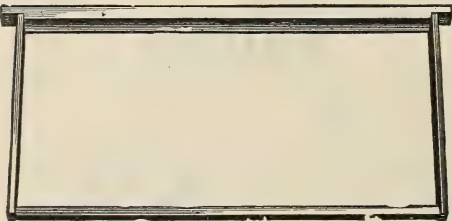
Size  $4\frac{1}{4} \times 4\frac{1}{4}$ , width  $1\frac{7}{8}$  inches, and  $\frac{1}{8}$ -in. thick.  
Size  $4\frac{1}{4} \times 4\frac{1}{4}$ , width  $1\frac{1}{2}$  inches, and  $\frac{3}{8}$ -in. thick.  
Size  $3\frac{5}{8} \times 5$ , width  $1\frac{1}{2}$  inches, and  $\frac{1}{8}$ -in. thick.  
Size  $4 \times 5$ , width  $1\frac{1}{2}$  inches, and  $\frac{1}{8}$ -in. thick.

### PRICE LIST

Per 100	.....	\$ .80.
Per 500	.....	\$3.00.
Per 1,000	.....	\$5.50.



## Double Grooved Foundation Fastening Hoffman Self-Spacing Brood Frames



As thick-top frames, practically prevent the building of burr combs, frames with a thick top bar are almost universally used. The top bar is  $\frac{7}{8}$ -in. thick and  $1\frac{1}{8}$ -in. wide. The top bar is made with a double groove on the under side. One of the grooves is fitted with a bevel strip which presses the thin piece between the grooves against the foundation holding it perfectly straight and exactly in the center of the top bar. To put in foundation, insert edge in the groove in center of top bar, slip in the wedge in other groove and tack in place with two or three small wire nails.

### Prices not set up

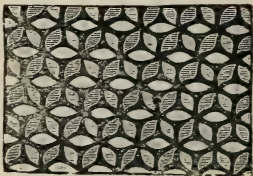
Per lot of 10	.....	\$ .40.	Per lot of 100	.....	\$3.50.
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## COMB FOUNDATION

This foundation is made from the best grade of pure beeswax and before being made into foundation is entirely cleansed of all foreign substances.

### PRICES

Standard Brood...58c per lb. Light Section...65c per lb.  
If foundation is wanted by mail, add 25 cents per pound for postage.



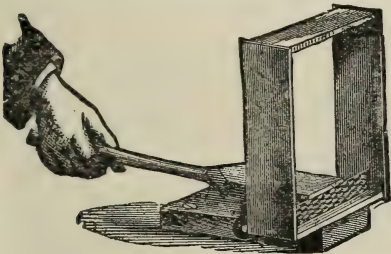
# BEE KEEPERS' SUPPLIES

## GLOBE BEE VEIL

Has five cross bars riveted through the center at the top. These button to studs on the neckband. The bars are light spring steel, the neckband is of hard spring brass and the cover is of handsome, light material. It is very easily put together—no trouble to put on or take off. It protects against mosquitoes, flies, bees, gnats, etc. The veil weighs only five ounces. Price, \$1.00.



## Parker's Machine for Fastening Starters in Section Boxes

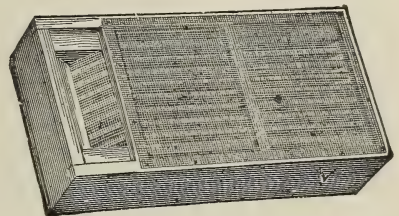


Fasten machine to table with screws that are sent with it. Dampen the under side of point of lever with honey or water to prevent its sticking to the foundation. Place section in position with strip of foundation just under the end of lever; press lever down on foundation by lifting handle, turn foundation up against end of lever and slide lever off of foundation by lifting on handle and drawing it backward, which fastens the foundation to section.

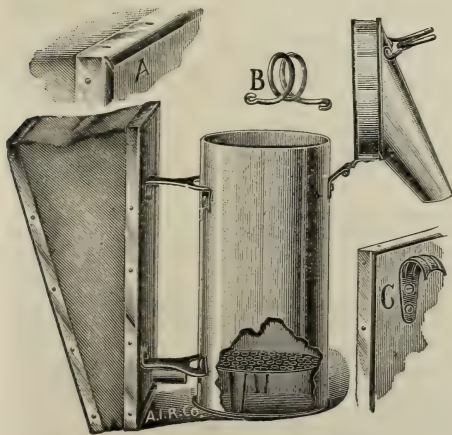
Price for  $4\frac{1}{4} \times 4\frac{1}{4}$  section...30 cents.  
By mail .....45 cents.

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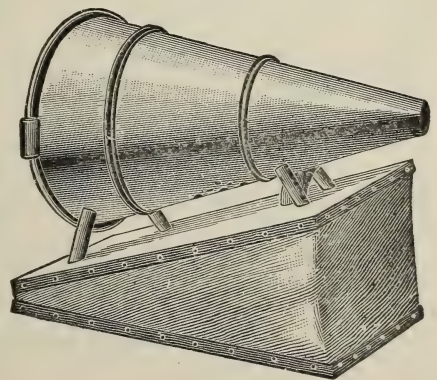
One of the best feeders for feeding over the brood nest. It is made from a solid block of wood and is covered with wire cloth. It has a bee space under bottom and also at top between wire cloth and top of partitions. Bees cannot escape while feeder is being filled. A small hole cut in mat and feeder set over same will be found a convenient way of using it, but it can be used in many ways.



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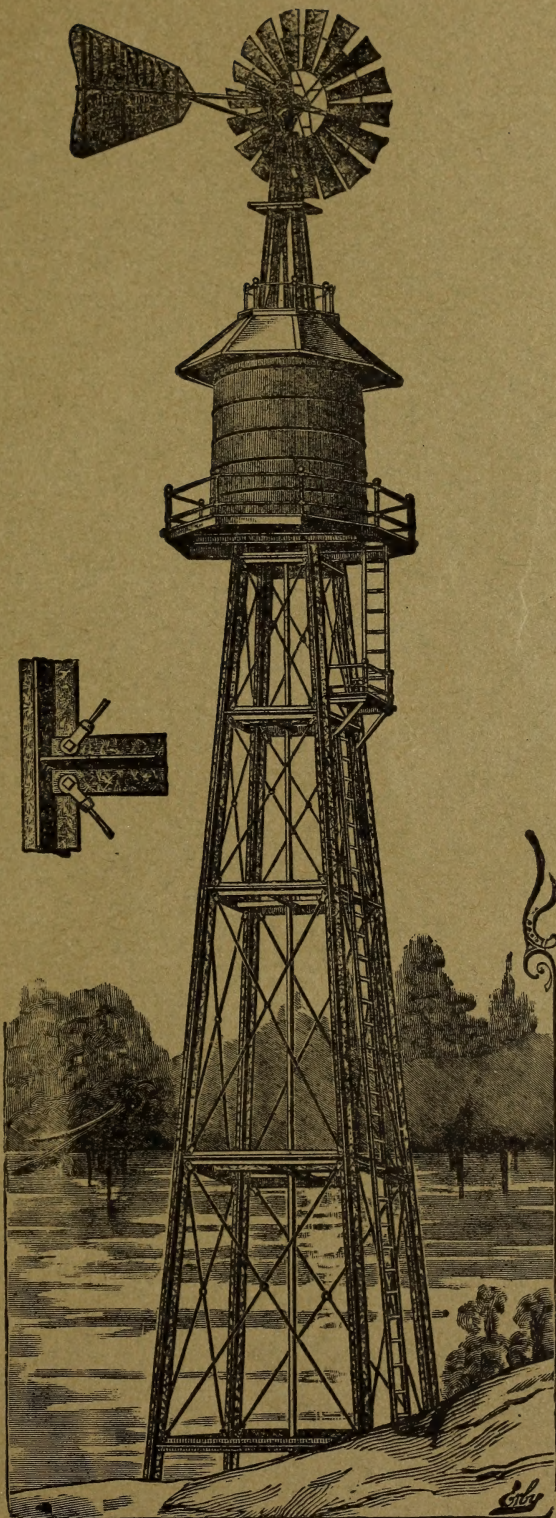
## WEIGHT OF VARIOUS ARTICLES

Lbs. per Bush.	Lbs. per Bush.	Lbs. per Bush.	Lbs. per
Apples .....	Corn Meal .....	Potatoes (heaping	Cubic Feet.
Barley .....	Charcoal .....	measure) .....	
Beans .....	Hungarian .....	Rye .....	Hay, well settled.. 4½
Buckwheat .....	Millet .....	Salt, Coarse .....	Corn, on cob, in bin 22
Blue Grass, Ken-	Oats .....	Salt, Michigan .....	Corn, shelled in bin, 45
tucky .....	Orchard Grass .....	Timothy Seed .....	Wheat, in bin..... 48
Clover Seed .....	Onions .....	Turnips .....	Oats, in bin..... 25½
Corn shelled .....	Peas, Smooth..... 60	Wheat .....	Potatoes, in bin... 38½
Corn on ear..... 70		Flour, per bbl., 196 lbs.	
		Salt, per bbl., 280 lbs.	



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